EXHIBIT M

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

aaa accounting	aaa accounting	**Command Syntax**
		`aaa accounting TYPE CONNECTION MODE [METHOD_1] [METHOD_2] ... [METHOD_N]`
		`no aaa accounting TYPE CONNECTION`
		`default aaa accounting TYPE CONNECTION`
		Parameters
		• ***TYPE*** authorization type for which the command specifies a method list. Options include:
		— **EXEC** records user authentication events.
		— **COMMANDS ALL** records all entered commands.
		— **COMMANDS *level*** records entered commands of the specified *level* (ranges from 0 to 15).
		• ***CONNECTION*** connection type of sessions for which method lists are reported. Options include:
		— **console** console connection.
		— **default** all connections not covered by other command options.
		• ***MODE*** accounting mode that defines when accounting notices are sent. Options include:
		— **none** no notices are sent.
		— **start-stop** a *start* notice is sent when a process begins; a *stop* notice is sent when it ends.
		— **stop-only** a *stop* accounting record is generated after a process successfully completes.
		• ***METHOD_X*** server groups (methods) to which the switch can send accounting records. The switch sends the method list to the first listed group that is available.
		Parameter value is not specified if *MODE* is set to *none*. If *MODE* is not set to *none*, the command must provide at least one method. Each method is composed of one of the following:
		— **group *name*** the server group identified by *name*.
		— **group radius** server group that includes all defined RADIUS hosts.
		— **group tacacs+** server group that includes all defined TACACS+ hosts.
		— **logging** log all accounting messages to syslog.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

aaa accounting dot1x	aaa accounting dot1x	**Command Syntax**
		`aaa accounting dot1x default MODE [METHOD_1] [METHOD_2] ... [METHOD_N]`
		`no aaa accounting dot1x default`
		`default aaa accounting dot1z default`
		Parameters
		• *MODE* accounting mode that defines when accounting notices are sent. Options include:
		— **start-stop** a *start* notice is sent when a process begins; a *stop* notice is sent when it ends.
		• *METHOD_X* server groups (methods) to which the switch can send accounting records. The switch sends the method list to the first listed group that is available.
		Parameter value is not specified if *MODE* is set to *none*. If *MODE* is not set to *none*, the command must provide at least one method. Each method is composed of one of the following:
		— **group** *name* the server group identified by *name*.
		— **group radius** server group that includes all defined RADIUS hosts.
		— **logging** server group that includes all defined TACACS+ hosts.

aaa authentication login	aaa authentication login	**Command Syntax**
		`aaa authentication login CONNECTION SERVICE_1 [SERVICE_2] ... [SERVICE_N]`
		`no aaa authentication login CONNECTION`
		`default aaa authentication login CONNECTION`
		Parameters
		• *CONNECTION* connection type of sessions for which authentication list is used
		— **default** the default authentication list.
		— **console** the authentication list for console logins.
		• *SERVICE_X* an authentication service. Settings include:
		— **group** *name* identifies a previously defined server group.
		— **group radius** a server group that consists of all defined RADIUS hosts.
		— **group tacacs+** a server group that consists of all defined TACACS+ hosts.
		— **local** local authentication.
		— **none** the switch does not perform authentication. All access attempts succeed.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
aaa authorization config-commands	aaa authorization config-commands	**Command Syntax** **aaa authorization config-commands** **no aaa authorization config-commands** **default aaa authorization config-commands**
aaa authorization console	aaa authorization console	**Command Syntax** **aaa authorization console** **no aaa authorization console** **default aaa authorization console**
aaa group server radius	aaa group server radius	**Command Syntax** **aaa group server radius** *group_name* **no aaa group server radius** *group_name* **default aaa group server radius** *group_name* **Parameters** • *group_name* name (text string) assigned to the group. Cannot be identical to a name already assigned to a TACACS+ server group.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
aaa group server tacacs+	aaa group server tacacs+	**Command Syntax** **aaa group server tacacs+** *group_name* **no aaa group server tacacs+** *group_name* **default aaa group server tacacs+** *group_name* **Parameters** • *group_name* name (text string) assigned to the group. Cannot be identical to a name already assigned to a RADIUS server group.

address-family	address-family	**Command Syntax**
		bgp ***ADDRESS_TYPE***
		no bgp ***ADDRESS_TYPE***
		default bgp ***ADDRESS_TYPE***
		Parameters
		• *ADDRESS_FAMILY* Address family affected by subsequent commands. Options include:
		— **ipv4** IPv4 unicast
		— **ipv6** IPv6 unicast
		Example
		• These commands enter address family mode for IPv6-unicast, insert a command, then exit the mode:
		`switch(config)#router bgp 1`
		`switch(config-router-bgp)#address-family ipv6`
		`switch(config-router-bgp-af)#neighbor 172.10.1.1 activate`
		`switch(config-router-bgp-af)#exit`
		`switch(config-router-bgp)#`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
aggregate-address	aggregate-address	ate route. Options include: — <no parameter> ATOMIC_AGGREGATE attribute is set. Route contains no AS_PATH data. — **as-set** route includes AS_PATH information from contributor routes as AS_SET attributes. • ***SUMMARY*** controls advertisement of contributor routes. Options include: — <no parameter> contributor and aggregate routes are advertised. — **summary-only** contributor routes are not advertised. • ***ATTRIBUTE_MAP*** controls attribute assignments to the aggregate route. Options include: — <no parameter> attribute values are not assigned to route. — **attribute-map** *map_name* assigns attribute values in set commands of the map's permit clauses. Deny clauses and match commands in permit clauses are ignored. • ***MATCH_MAP*** filters contributors to the aggregate route. Options include: — <no parameter> no contributors are filtered. — **match-map** *map_name* filters contributor routes using the named match-map.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area default-cost	area default-cost (OSPFv3)	**Command Syntax** **area** *area_id* **default-cost** *def_cost* **no area** *area_id* **default-cost** **default area** *area_id* **default-cost** **Parameters** • *area_id* area number. <0 to 4294967295> or <0.0.0.0 to 255.255.255.255> ***Running-config*** stores value in dotted decimal notation. • *def_cost* Values range from 1 to 65535.
area default-cost	area default-cost (OSPFv2)	**Command Syntax** **area** *area_id* **default-cost** *def_cost* **no area** *area_id* **default-cost** **default area** *area_id* **default-cost** **Parameters** • *area_id* area number. <0 to 4294967295> or <0.0.0.0 to 255.255.255.255> ***running-config*** stores value in dotted decimal notation. • *def_cost* Value ranges from 1 to 65535. Default value is 10.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa	area nssa (OSPFv2)	**Command Syntax** **area** *area_id* **nssa** [***TYPE***] **no area** *area_id* **nssa** [***TYPE***] **default area** *area_id* **nssa** [***TYPE***] All parameters except *area_id* can be placed in any order. **Parameters** • *area_id* Valid formats: integer <1 to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation. • ***TYPE*** area type. Values include: — <no parameter> — **nssa-only**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa	area nssa (OSPFv3)	**Command Syntax** **area** *area_id* **nssa** [***TYPE***] **no area** *area_id* **nssa** [***TYPE***] [**default area** *area_id* **nssa** [***TYPE***] **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***Running-config*** stores value in dotted decimal notation. • ***TYPE*** • Values include: — <no parameter> — **nssa-only**
area nssa default-information-originate	area nssa default-information-originate (OSPFv2)	**Command Syntax** **area** *area_id* **nssa default-information-originate** [***VALUE***] [***TYPE***] [***EXCL***] **no area** *area_id* **nssa default-information-originate** **default area** *area_id* **nssa default-information-originate** All parameters except *area_id* can be placed in any order. **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation. • ***VALUE*** Values include:

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		— <no parameter> Default value of 1. — **metric <*1-65535*>** • ***TYPE*** Values include: — <no parameter> — **metric-type <*1-2*>** • ***EXCL*** Values include: — <no parameter>. — **nssa-only**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa default-information-originate	area nssa default-information-originate (OSPFv3)	**Command Syntax** **area** *area_id* **nssa default-information-originate** [***VALUE***] [***TYPE***] [***EXCL***] **no area** *area_id* **nssa default-information-originate** [***VALUE***] [***TYPE***] [***EXCL***] **default area** *area_id* **nssa default-information-originate** [***VALUE***] [***TYPE***] [***EXCL***] All parameters except *area_id* can be placed in any order. **Parameters** • *area_id* Valid formats: integer **<1 to 4294967295>** or dotted decimal **<0.0.0.1 to 255.255.255.255>** Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***Running-config*** stores value in dotted decimal notation. • ***VALUE*** Values include: — <no parameter> — **metric <*1-65535*>** • ***TYPE*** Values include: — <no parameter> — **metric-type <*1-2*>** • ***EXCL*** Values include: — <no parameter> — **nssa-only**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa no-summary	area nssa no-summary (OSPFv2)	**Command Syntax** **area** *area_id* **nssa no-summary** **no area** *area_id* **nssa no-summary** **default area** *area_id* **nssa no-summary** **Parameters** • *area_id* area number. Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation.
area nssa translate type7 always	area nssa translate type7 always (OSPFv2)	**Command Syntax** **area** *area_id* **nssa translate type7 always** **no** *area_id* **nssa translate type7 always** **default** *area_id* **nssa translate type7 always** **Parameters** • *area_id* area number. Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area nssa translate type7 always	area nssa translate type7 always (OSPFv3)	**Command Syntax** **area** *area_id* **nssa translate type7 always** **no** *area_id* **nssa translate type7 always** **default** *area_id* **nssa translate type7 always** **Parameters** • *area_id* Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always *normal*. *Running-config* stores value in dotted decimal notation.
area range	area range (OSPFv3)	**Command Syntax** **area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **no area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **default area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **Parameters** • *area_id* <0 to 4294967295> or <0.0.0.0 to 255.255.255.255> • *net_addr* • *ADVERTISE_SETTING* specifies the LSA advertising activity. Values include — <no parameter> — **advertise** — **not-advertise** • *COST_SETTING* Values include — <no parameter> — **cost** *range_cost* Value ranges from 1 to 65535.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area range	area range (OSPFv2)	**Command Syntax** **area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **no area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **default area** *area_id* **range** *net_addr* [***ADVERTISE_SETTING***] [***COST_SETTING***] **Parameters** • *area_id* area number. **<0 to 4294967295>** or **<0.0.0.0 to 255.255.255.255>** ***running-config*** stores value in dotted decimal notation. • *net_addr* • ***ADVERTISE_SETTING*** Values include — <no parameter> — **advertise** — **not-advertise** • ***COST_SETTING*** Values include — <no parameter> — **cost** *range_cost* Value ranges from 1 to 65535.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
area stub	area stub (OSPFv2)	**Command Syntax** **area** *area_id* **stub [summarize]** **no area** *area_id* **stub [summarize]** **default area** *area_id* **stub [summarize]** **Parameters** • *area_id* area number. Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***running-config*** stores value in dotted decimal notation. • *SUMMARIZE* area type. Values include: — <no parameter> — **no-summary**
area stub	area stub (OSPFv3)	**Command Syntax** **area** *area_id* **stub** **no area** *area_id* **stub** **default area** *area_id* **stub** **Parameters** • *area_id* Valid formats: integer <**1** to **4294967295**> or dotted decimal <**0.0.0.1** to **255.255.255.255**> Area 0 (or 0.0.0.0) is not configurable; it is always ***normal***. ***Running-config*** stores value in dotted decimal notation.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
arp timeout	arp timeout	**Command Syntax** **arp timeout** *arp_time* **no arp timeout** **default arp timeout** **Parameters** • *arp_time* ARP timeout period (seconds). Values range from 60 to 65535. Default value is 14400.
banner login	banner login	**Command Syntax** **banner login** **no banner login** **default banner login** **Parameters** • *banner_text* To configure the banner, enter a message when prompted. The message may span multiple lines. Banner text supports the following keywords: — **$(hostname)** displays the switch's host name. • **EOF** To end the banner editing session, type EOF on its own line and press **enter**.
banner motd	banner motd	**Command Syntax** **banner motd** **no banner motd** **default banner motd** **Parameters** • *banner_text* To configure the banner, enter a message when prompted. The message may span multiple lines. Banner text supports this keyword: — **$(hostname)** displays the switch's host name. • **EOF** To end the banner editing session, type EOF on its own line and press **enter**.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

bfd all-interfaces	bfd all-interfaces	**Command Syntax**
		`bfd all-interfaces`
		`no bfd all-interfaces`
		`default bfd all-interfaces`

bgp client-to-client reflection	bgp client-to-client reflection	**Command Syntax**
		`bgp client-to-client reflection`
		`no bgp client-to-client reflection`
		`default bgp client-to-client reflection`

bgp cluster-id	bgp cluster-id	**Command Syntax**
		`bgp cluster-id ID_NUM`
		`no bgp cluster-id`
		`default bgp cluster-id`
		Parameters
		• *ID_NUM* cluster ID shared by all route reflectors in the cluster (32-bit dotted-decimal notation). Options include:
		— ***0.0.0.1*** to ***255.255.255.255*** valid cluster ID number.
		— ***0.0.0.0*** removes the cluster-ID from the switch. Equivalent to **no bgp cluster-id** command.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
bgp confederation identifier	bgp confederation identifier	**Command Syntax** **bgp confederation identifier** *as_number* **no bgp confederation identifier** **default bgp confederation identifier** **Parameters** • *as_number* the ID of BGP AS confederation. Value ranges from 1 to 4294967295.
bgp confederation peers	bgp confederation peers	**Command Syntax** **bgp confederation peers** *as_range* **no bgp confederation peers** *as_range* **default bgp confederation peers** *as_range* **Parameters** • *as_range* the Sub-AS number. *as_range* formats include number (from 1 to 4294967295), number range, or comma-delimited list of numbers and ranges.
bgp listen limit	bgp listen limit	**Command Syntax** **bgp listen limit** *maximum* **no bgp listen limit** **default bgp listen limit** **Parameters** • *maximum* the maximum number of dynamic BGP peers to be allowed on the switch. Values range from 1 to 1000; default value is 100.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

bgp log-neighbor-changes	bgp log-neighbor-changes	**Command Syntax**
		`bgp log-neighbor-changes`
		`no bgp log-neighbor-changes`
		`default bgp log-neighbor-changes`

bgp redistribute-internal	bgp redistribute-internal (BGP)	**Command Syntax**
		`bgp redistribute internal`
		`no bgp redistribute internal`
		`default bgp redistribute internal`

boot system	boot system	**Command Syntax** `boot system DEVICE file_path` **Parameters** • *DEVICE* Location of the image file. Options include — **file:** file is located in the switch file directory. — **flash:** file is located in flash memory. — **usb1:** file is located on a drive inserted in the USB flash port. Available if a drive is in the port. • *file_path* Path and name of the file.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
channel-group	channel-group	**Command Syntax** **`channel-group`** *`number`* ***`LACP_MODE`*** **`no channel-group`** **`default channel-group`** **Parameters** • *number* specifies a channel group ID. Values range from 1 through 2000. • *LACP_MODE* specifies the interface LACP mode. Values include: — **mode on** Interface is a static port channel, LACP disabled. Port neither verifies nor negotiates port channel membership. — **mode active** Interface is an active LACP port that transmits and receives LACP negotiation packets. — **mode passive** Interface is a passive LACP port that only responds to LACP negotiation packets.
class-map type control-plane	class-map type control-plane	**Command Syntax** **`class-map type control-plane match-any`** *`class_name`* **`no class-map type control-plane [match-any]`** *`class_name`* **`default class-map type control-plane [match-any]`** *`class_name`* **Parameters** • *class_name* Name of class map.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear arp-cache	clear arp-cache	**Command Syntax** `clear arp-cache [VRF_INSTANCE] [INTERFACE_NAME]` **Parameters** • ***VRF_INSTANCE*** specifies the VRF instance for which arp data is refreshed. — <no parameter> specifies the context-active VRF. — vrf *vrf_name* specifies name of VRF instance. System default VRF is specified by default. • ***INTERFACE_NAME*** interface upon which ARP cache entries are refreshed. Options include: — <no parameter> All ARP cache entries. — interface ethernet *e_num* ARP cache entries of specified Ethernet interface. — interface loopback *l_num* ARP cache entries of specified loopback interface. — interface management *m_num* ARP cache entries of specified management interface. — interface port-channel *p_num* ARP cache entries of specified port-channel Interface. — interface vlan *v_num* ARP cache entries of specified VLAN interface. — interface vxlan *vx_num* VXLAN interface specified by *vx_num*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear counters	clear counters	**Command Syntax** **clear counters** [***INTERFACE***] [***SCOPE***] **Parameters** • ***INTERFACE*** Interface type and number. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid *e_range*, *l_range*, *m_range*, *p_range*, *v_range*, and *vx_range* formats include number, number range, or comma-delimited list of numbers and ranges. • ***SCOPE*** Duration of the reset results. Options include: — <no parameter> counters are cleared on the switch. — **session** counters are reset only for the current session.
clear ip arp	clear ip arp	**Command Syntax** **clear ip arp** [***VRF_INSTANCE***] *ipv4_addr* **Parameters** • ***VRF_INSTANCE*** specifies the VRF instance for which arp data is removed. — <no parameter> specifies the context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**. • *ipv4_addr* IPv4 address of dynamic ARP entry.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip bgp	clear ip bgp	**Command Syntax** `clear ip bgp [ACTION] [RESET_TYPE] [DATA_FLOW] [VRF_INSTANCE]` **Parameters** • *ACTION* the entity upon which the clearing action is taken. Options include: — <no parameter> clears the routing table, then reads in routes from designated peers. — * clears all BGP IPv4 sessions with the switch's peers. — *ipv4_addr* resets the IPv4 session with the peer at the specified IPv4 address. — *ipv6_addr* resets the IPv4 session with the peer at the specified IPv6 address. • *RESET_TYPE* reconfiguration type. Options include: — <no parameter> hard reset. — **soft** soft reset. • *DATA_FLOW* restricts hard reset to inbound or outbound routes. Soft reset is bidirectional. — <no parameter> inbound and outbound routes are reset. — **in** inbound routes are reset. — **out** outbound routes are reset. • *VRF_INSTANCE* specifies VRF instances. — <no parameter> clears routing table for context-active VRF. — **vrf** *vrf_name* clears routing table for the specified VRF. — **vrf all** clears routing table for all VRFs. — **vrf default** clears routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip igmp group	clear ip igmp group	**Command Syntax** **clear ip igmp group** [*gp_addr*] **[interface *INT_ID*]** **Parameters** • *gp_addr* multicast group IP address (dotted decimal notation). • *INT_ID* interface name. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
clear ip mroute	clear ip mroute	**Command Syntax** **clear ip mroute *ENTRY_LIST*** **Parameters** • *ENTRY_LIST* entries that the command removes from the mroute table. Options include: — * all route entries are removed from the table — *gp_ipv4* all entries for multicast group *gp_ipv4* (dotted decimal notation). — *gp_ipv4 src_ipv4* all entries for source (*src_ipv4*) sending to group (*gp_ipv4*).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip msdp sa-cache	clear ip msdp sa-cache	**Command Syntax** `clear ip msdp sa-cache [ADDRESS_FILTER]` **Parameters** • ***ADDRESS_FILTER*** IPv4 address used to select table entries for removal. — <no parameter> All SA messages — *grp_addr* Multicast group address (IPv4 address). *grp_addr* must be a valid multicast address.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip nat translation	clear ip nat translation	**Command Syntax** **`clear ip nat translation [HOST_ADDR [DEST_ADDR]] [INTF] [PROT_TYPE]`** **Parameters** ***DEST_ADDR*** immediately follows ***HOST_ADDR***. All other parameters, including ***HOST_ADDR***, may be placed in any order. • ***HOST_ADDR*** Host address to be modified. Options include: — <no parameter> All packets with specified destination address are cleared. — **address** *local_ipv4* IPv4 address. — **address** *local_ipv4* *local_port* IPv4 address and port (port value ranges from 1 to 65535). • ***DEST_ADDR*** Destination address of translated packet. Destination address can be entered only when the ***HOST_ADDR*** is specified. Options include: — <no parameter> All packets with specified destination address are cleared. — *global_ipv4* IPv4 address. — *global_ipv4* *global_port* IPv4 address and port (port value ranges from 1 to 65535). • ***INTF*** Route source. Options include: — <no parameter> All packets with specified destination address are cleared. — **interface ethernet** *e_num* Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Loopback interface specified by *l_num*. — **interface management** *m_num* Management interface specified by *m_num*. — **interface port-channel** *p_num* Port-channel interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*. • ***PROT_TYPE*** Filters packets based on protocol type. Options include: — <no parameter> All packets with specified destination address are cleared. — **tcp** TCP packets with specified destination address are cleared. — **udp** UDP packets with specified destination address are cleared.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ip ospf neighbor	clear ip ospf neighbor	**Command Syntax** **clear ip ospf** [***PROCESS_ID***] **neighbor**[***LOCATION***] [***VRF_INSTANCE***] **Parameters** • ***PROCESS_ID*** OSPFv2 process ID. Values include: — <no parameter> — *<1* to *65535>* • ***LOCATION*** IP address or interface peer group name. Values include: — * clears all OSPF IPv4 neighbors. — *ipv4_addr* — **ethernet** *e_num* — **loopback** *l_num* — **port-channel** *p_num* — **vlan** *v_num* • ***VRF_INSTANCE*** specifies the VRF instance. — <no parameter> — **vrf** *vrf_name*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear ipv6 neighbors	clear ipv6 neighbors	**Command Syntax** `clear ipv6 neighbors [PORT] [DYNAMIC_IPV6]` **Parameters** • *PORT* Interface through which neighbor is accessed. Options include: — <no parameter> all dynamic entries are removed. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *DYNAMIC_IPV6* Address of entry removed by the command. Options include: — <no parameter> all dynamic entries for specified interface are removed. — *ipv6_addr* IPv6 address of entry.
clear ipv6 ospf force-spf	clear ipv6 ospf force-spf	**Command Syntax** `clear ipv6 ospf force-spf`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear lldp counters	clear lldp counters	**Command Syntax** `clear lldp counters [SCOPE]` **Parameters** • *SCOPE* Session affected by command. Options include: — <no parameter> command affects counters on all CLI sessions. — **session** clears LLDP counters for the current CLI session only.
clear lldp table	clear lldp table	**Command Syntax** `clear lldp table`
clear mac-address-table dynamic	clear mac address-table dynamic	**Command Syntax** `clear mac address-table dynamic [VLANS] [INTERFACE]` **Parameters** • *VLANS* Table entries are cleared for specified VLANs. Options include: — <no parameter> all VLANs. — **vlan** *v_num* VLAN specified by *v_num*. • *INTERFACE* Table entries are cleared for specified interfaces. Options include: — <no parameter> all Ethernet and port channel interfaces. — **interface ethernet** *e_range* Ethernet interfaces specified by *e_range*. — **interface port-channel** *p_range* port channel interfaces specified by *p_range*. — **vxlan** *vx_range* VXLAN interfaces specified by *vx_range*. Valid *range* formats include number, range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clear spanning-tree counters	clear spanning-tree counters	**Command Syntax** `clear spanning-tree counters [INT_NAME]` **Parameters** • *INT_NAME* Interface type and number. Options include: — <no parameter> resets counters for all interfaces. — **interface ethernet** *e_num* Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Loopback interface specified by *l_num*. — **interface management** *m_num* Management interface specified by *m_num*. — **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*.
clock set	clock set	**Command Syntax** `clock set hh:mm:ss date` **Parameters** • *hh:mm:ss* is the current time (24-hour notation). • *date* is the current date. Date formats include: — mm/dd/yy *example:* 05/15/2012 — Month day year *example:* May 15 2012 — day month year *example:* 15 May 2012

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
clock timezone	clock timezone	**Command Syntax** **clock timezone** *zone_name* **no clock timezone** **default clock timezone** **Parameters** • *zone_name* the time zone. Settings include a list of predefined time zone labels.
control-plane	control-plane	**Command Syntax** **control-plane**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
default-information originate (OSPF)	default-information originate (OSPFv2)	**Command Syntax** **`default-information originate`** [***`FORCE`***] [***`VALUE`***] [***`TYPE`***] [***`MAP`***] **`no default-information originate`** **`default default-information originate`** All parameters can be placed in any order. **Parameters** • ***FORCE*** advertisement forcing option. Values include: — <no parameter> — **always** • ***VALUE*** Values include: — <no parameter> — **metric** ***<1-65535>*** • ***TYPE*** Values include: — <no parameter> — **metric-type** ***<1-2>*** • ***MAP*** sets attributes in the LSA based on a route map. Values include: — <no parameter> — **route-map** *map_name*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
default-information originate (OSPFv3)	default-information originate (OSPFv3)	**Command Syntax** **`default-information originate [DURATION] [VALUE] [TYPE] [MAP]`** **`no default-information originate`** **`default default-information originate`** All parameters can be placed in any order. **Parameters** • *DURATION* Values include: — <no parameter> — **always** • *VALUE* Values include: — <no parameter> — **metric** *<1-65535>* • *TYPE* Values include: — <no parameter> — **metric-type** *<1-2>* • *MAP* Values include: — <no parameter> — **route-map** *map_name*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
default-metric (OSPFv3)	default-metric (OSPFv3)	**Command Syntax** **default-metric** *def_metric* **no default-metric** **default default-metric** **Parameters** • *def_metric* Values range from 1 to 65535. Default value is 10.
distance bgp	distance bgp	**Command Syntax** **distance bgp** *external_dist* [***INTERNAL_LOCAL***] **no distance bgp** **default distance bgp** **Parameters** • *external_dist* distance assigned to external routes. Values range from 1 to 255. • *INTERNAL_LOCAL* distance assigned to internal and local routes. Values for both routes range from 1 to 255. Options include: — <no parameter> *external_dist* value is assigned to internal and local routes. — *internal_dist local_dist* values assigned to internal (*internal_dist*) and local (*local_dist*) routes.
domain-id	domain-id	**Command Syntax** **domain-id** *identifier* **no domain-id** **default domain-id** **Parameters** • *identifier* alphanumeric string that names the MLAG domain.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
dot1x max-reauth-req	dot1x max-reauth-req	**Command Syntax** **dot1x max-reauth-req** *attempts* **no dot1x max-reauth-req** **default dot1x max-reauth-req** **Parameters** • *attempts* maximum number of attempts. Values range from 1 to 10; default value is 2.
dot1x pae authenticator	dot1x pae authenticator	**Command Syntax** **dot1x pae authenticator** **no dot1x pae authenticator** **default dot1x pae authenticator**
dot1x port-control	dot1x port-control	**Command Syntax** **dot1x port-control** ***STATE*** **no dot1x port-control** **default dot1x port-control** **Parameters** • *STATE* specifies whether the interface will authenticate traffic. The default value is *force-authorized*. Options include: — **auto** configures the port to authenticate traffic using Extensible Authentication Protocol messages. — **force-authorized** configures the port to pass traffic without authentication. — **force-unauthorized** configures the port to block all traffic regardless of authentication.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

dot1x reauthentication	dot1x reauthentication	**Command Syntax**
		`dot1x reauthentication`
		`no dot1x reauthentication`
		`default dot1x reauthentication`

dot1x system-auth-control	dot1x system-auth-control	**Command Syntax**
		`dot1x system-auth-control`
		`no dot1x system-auth-control`
		`default dot1x system-auth-control`

dot1x timeout quiet-period	dot1x timeout quiet-period	**Command Syntax**
		`dot1x timeout quiet-period` *quiet_time*
		`no dot1x timeout quiet-period`
		`default dot1x timeout quiet-period`
		Parameters
		• *quiet_time* interval in seconds. Values range from 1 to 65535. Default value is 60.

dot1x timeout reauth-period	dot1x timeout reauth-period	**Command Syntax**
		`dot1x timeout reauth-period` *reauth_time*
		`no dot1x timeout reauth-period`
		`default dot1x timeout reauth-period`
		Parameters
		• *reauth_time* the number of seconds the interface passes traffic before requiring re-authentication. Values range from 1 to 65535. Default value is 3600.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
dot1x timeout tx-period	dot1x timeout tx-period	**Command Syntax** **`dot1x timeout tx-period`** *`tx_time`* **`no dot1x timeout tx-period`** **`default dot1x timeout tx-period`** **Parameters** • *tx_time* Values range from 1 to 65535. Default value is 5.
enable secret	enable secret	**Command Syntax** **`enable secret`** [***`ENCRYPT_TYPE`***] *`password`* **`no enable secret`** **`default enable secret`** **Parameters** • ***ENCRYPT_TYPE*** encryption level of the *password* parameter. Settings include: — <no parameter> the password is entered as clear text. — **0** the password is entered as clear text. Equivalent to <no parameter>. — **5** the password is entered as an md5 encrypted string. — **sha512** the password is entered as an sha512 encrypted string. • *password* text that authenticates the username. — *password* must be in clear text if ***ENCRYPT_TYPE*** specifies clear text. — *password* must be an appropriately encrypted string if ***ENCRYPT_TYPE*** specifies encryption. Encrypted strings entered through this parameter are generated elsewhere.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
erase startup-config	erase startup-config	**Command Syntax** `erase startup-config [CONFIRMATION]` **Parameters** • *CONFIRMATION* — <no parameter> the switch requires a confirmation before starting the erase. — **now** the erase begins immediately without prompting the user to confirm the request.

errdisable detect cause link-flap	errdisable detect cause link-flap	**Command Syntax**
		`errdisable detect cause link-flap`
		`no errdisable detect cause link-flap`
		`default errdisable detect cause link-flap`

errdisable recovery cause	errdisable recovery cause	**Command Syntax**
		`errdisable recovery cause CONDITION`
		`no errdisable recovery cause CONDITION`
		`default errdisable recovery cause CONDITION`
		Parameters
		• *CONDITION* Disabling condition for which command automates recovery. Options include:
		— **bpduguard**
		— **link-flap**
		— **no-internal-vlan**
		— **portchannelguard**
		— **portsec**
		— **tapagg**
		— **uplink-failure-detection**
		— **xcvr_unsupported**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

errdisable recovery interval	errdisable recovery interval	**Command Syntax**
		`errdisable recovery interval` *period*
		`no errdisable recovery interval`
		`default errdisable recovery interval`
		Parameters
		• *period* Error disable recovery period (seconds). Value ranges from 30 to 86400. Default value is 300

flowcontrol receive	flowcontrol receive	**Command Syntax**
		`flowcontrol receive` ***STATE***
		`no flowcontrol receive`
		`default flowcontrol receive`
		Parameters
		• *STATE* flow control pause frame processing setting. Options include:
		— on
		— off

flowcontrol send	flowcontrol send	**Command Syntax**
		`flowcontrol send` ***STATE***
		`no flowcontrol send`
		`default flowcontrol send`
		Parameters
		• *STATE* flow control send setting. Options include
		— on
		— off

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
interface ethernet	interface ethernet	**Command Syntax** **`interface ethernet`** *`e_range`* **Parameters** • *e_range* Ethernet interfaces (number, range, or comma-delimited list of numbers and ranges). Valid Ethernet numbers depend on the switch's available Ethernet interfaces.
interface loopback	interface loopback	**Command Syntax** **`interface loopback`** *`l_range`* **`no interface loopback`** *`l_range`* **`default interface loopback`** *`l_range`* **Parameters** • *l_range* Loopback interfaces (number, range, or comma-delimited list of numbers and ranges). Looback number ranges from 0 to 1000.
interface port-channel	interface port-channel	**Command Syntax** **`interface port-channel`** *`p_range`* **`no interface port-channel`** *`p_range`* **`default interface port-channel`** *`p_range`* **Parameter** • *p_range* port channel interfaces (number, range, or comma-delimited list of numbers and ranges). Port channel numbers range from 1 to 2000.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
interface vlan	interface vlan	**Command Syntax** **interface vlan** *v_range* **no interface vlan** *v_range* **default interface vlan** *v_range* **Parameter** • *v_range* VLAN interfaces (number, range, or comma-delimited list of numbers and ranges). VLAN number ranges from 1 to 4094.
ip access-group	ip access-group	**Command Syntax** **ip access-group** *list_name* [***VRF_INSTANCE***] ***DIRECTION*** **no ip access-group** [*list_name*] [***VRF_INSTANCE***] ***DIRECTION*** **default ip access-group** [*list_name*] [***VRF_INSTANCE***] ***DIRECTION*** **Parameters** • *list_name* name of ACL assigned to interface. • ***VRF_INSTANCE*** specifies the VRF instance being modified. — <no parameter> changes are made to the default VRF. — **vrf** *vrf_name* changes are made to the specified user-defined VRF. • ***DIRECTION*** transmission direction of packets, relative to interface. Valid options include: — **in** inbound packets.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip access-list	ip access-list	**Command Syntax** **ip access-list** *list_name* **no ip access-list** *list_name* **default ip access-list** *list_name* **Parameters** • *list_name* Name of ACL. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.
ip access-list standard	ip access-list standard	**Command Syntax** **ip access-list standard** *list_name* **no ip access-list standard** *list_name* **default ip access-list standard** *list_name* **Parameters** • *list_name* Name of standard ACL. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.
ip address	ip address	**Command Syntax** **ip address** *ipv4_subnet* [***PRIORITY***] **no ip address** [*ipv4_subnet*] [***PRIORITY***] **default ip address** [*ipv4_subnet*] [***PRIORITY***] **Parameters** • *ipv4_subnet* IPv4 and subnet address (CIDR or address-mask notation). ***Running-config*** stores value in CIDR notation. • ***PRIORITY*** interface priority. Options include: — <no parameter> the address is the primary IPv4 address for the interface. — **secondary** the address is the secondary IPv4 address for the interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip as-path access-list	ip as-path access-list	**Command Syntax** **ip as-path access-list** *list_name* ***FILTER_TYPE*** *regex* ***ORIGIN*** **no ip as-path access-list** *list_name* **default ip as-path access-list** *list_name* **Parameters** • *list_name* the name of the AS path access list. • ***FILTER_TYPE*** access resolution of the specified AS path. Options include: — **permit** access is permitted. — **deny** access is denied. • *regex* a regular expression describing the AS path being filtered. Regular expressions are pattern matching strings that are composed of text characters and operators (Section 3.2.6). • ***ORIGIN*** the origin of the path information. Values include: — <no parameter> sets the origin to ***any***. — **any** any BGP origin. — **egp** EGP origin. — **igp** IGP origin. — **incomplete** incomplete origin.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip community-list expanded	ip community-list expanded	**Command Syntax** **ip community-list expanded** *listname* ***FILTER_TYPE*** **R_EXP** **no ip community-list expanded** *listname* **default community-list expanded** *listname* **Parameters** • *listname* name of the community list. Valid input is text. • ***FILTER_TYPE*** access resolution of the specified community. Options include: — **permit** access is permitted. — **deny** access is denied. • ***R_EXP*** list of communities, formatted as a regular expression. Regular expressions are pattern matching strings that are composed of text characters and operators (Section 3.2.6)

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip community-list standard	ip community-list standard	**Command Syntax** **ip community-list standard** *listname* ***FILTER_TYPE COMM_1*** [***COMM_2...COMM_n***] **no ip community-list standard** *listname* **default ip community-list standard** *listname* **Parameters** • *listname* name of the community list. Valid input is text. • *FILTER_TYPE* access resolution of the specified community. Options include: — **permit** access is permitted. — **deny** access is denied. • *COMM_x* community number or name, as specified in the route map that sets the community list number. — *aa:nn* AS and network number, separated by colon. Each value ranges from 1 to 4294967295. — *number* community number. Values range from 1 to 4294967040. — **internet** advertises route to Internet community. — **local-as** advertises route only to local peers. — **no-advertise** does not advertise route to any peer. — **no-export** advertises route only within BGP AS boundary.
ip dhcp smart-relay	ip dhcp smart-relay	**Command Syntax** **ip dhcp smart-relay** **no ip dhcp smart-relay** **default ip dhcp smart-relay**
ip dhcp smart-relay global	ip dhcp smart-relay global	**Command Syntax** **ip dhcp smart-relay global** **no ip dhcp smart-relay global** **default ip dhcp smart-relay global**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip dhcp snooping	ip dhcp snooping	**Command Syntax**
		`ip dhcp snooping`
		`no ip dhcp snooping`
		`default ip dhcp snooping`

ip dhcp snooping information option	ip dhcp snooping information option	**Command Syntax**
		`ip dhcp snooping information option`
		`no ip dhcp snooping information option`
		`default ip dhcp snooping information option`

ip dhcp snooping vlan	ip dhcp snooping vlan	**Command Syntax** `ip dhcp snooping vlan` *v_range* `no ip dhcp snooping vlan` *v_range* `default ip dhcp snooping vlan` *v_range*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip domain lookup	ip domain lookup	**Command Syntax** **ip domain lookup** [***VRF_INSTANCE***] **source-interface** ***INTF_NAME*** **no ip domain lookup** [***VRF_INSTANCE***] **source-interface** **default ip domain lookup** [***VRF_INSTANCE***] **source-interface** **Parameters** • *VRF_INSTANCE* specifies the VRF instance being modified. — <no parameter> changes are made to the default VRF. — **vrf** *vrf_name* changes are made to the specified VRF. • *INTF_NAME* name of source interface to be used for DNS requests. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*.
ip domain name	ip domain-name	**Command Syntax** **ip domain-name** *string* **no ip domain-name** **default ip domain-name** **Parameters** • *string* domain name (text string)

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip extcommunity-list expanded	ip extcommunity-list expanded	**Command Syntax** **ip extcommunity-list expanded** *listname* ***FILTER_TYPE*** **R_EXP** **no ip extcommunity-list expanded** *listname* **default ip extcommunity-list expanded** *listname* **Parameters** • *listname* name of the extended community list. Valid input is text. • ***FILTER_TYPE*** access resolution of the specified extended community list. Options include: — **permit** access is permitted. — **deny** access is denied. • ***R_EXP*** list of communities, formatted as a regular expression. Regular expressions are pattern matching strings that are composed of text characters and operators. — Expressions beginning ***RT:*** match the ***route target*** extended community attribute option. — Expressions beginning ***SoO:*** match the ***site of origin*** extended community attribute option. ***RT:*** and ***SoO:*** are case sensitive. Section 3.2.6 describes regular expressions.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip extcommunity-list standard	ip extcommunity-list standard	**Command Syntax** **ip extcommunity-list standard** *listname* ***FILTER_TYPE COMM_1*** [***COMM_2...COMM_n***] **no ip extcommunity-list standard** *listname* **default ip extcommunity-list standard** *listname* **Parameters** • *listname* name of the extended community list. Valid input is text. • ***FILTER_TYPE*** access resolution of the specified extended community list. Options include: — **permit** access is permitted. — **deny** access is denied. • ***COMM_x*** extended community attribute. Options include: — **rt** *aa:nn* route target, as specified by autonomous system:network number — **rt** *ip_addr:nn* route target, as specified by ip address:network number — **soo** *aa:nn* site of origin, as specified by autonomous system:network number — **soo** *ip_addr:nn* site of origin, as specified by ip address:network number
ip helper-address	ip helper-address	**Command Syntax** **ip helper-address** *ipv4_addr* **no ip helper-address** [*ipv4_addr*] **default ip helper-address** [*ipv4_addr*] **Parameters** • *ipv4_addr* DHCP server address accessed by interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip host	ip host	**Command Syntax** **ip host** *hostname hostadd_1* [*hostadd_2*] ... [*hostadd_X*] **no ip host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **default ip host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **Parameters** • *hostname* hostname (text). • *hostadd_N* IPv4 address associated with hostname (dotted decimal notation).
ip http client source-interface	ip http client source-interface	**Command Syntax** **ip http client source-interface INTERFACE** **no ip http client source-interface** **default ip http client source-interface** **Parameters** • *INTERFACE* Interface providing the IP address. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*.
ip icmp redirect	ip icmp redirect	**Command Syntax** **ip icmp redirect** **no ip icmp redirect** **default ip icmp redirect**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip igmp last-member-query-count	ip igmp last-member-query-count	**Command Syntax**
		`ip igmp last-member-query-count` *number*
		`no ip igmp last-member-query-count`
		`default ip igmp last-member-query-count`
		Parameters
		• *number* query message quantity. Values range from 1 to 3. Default is 2.

ip igmp last-member-query-interval	ip igmp last-member-query-interval	**Command Syntax**
		`ip igmp last-member-query-interval` *period*
		`no ip igmp last-member-query-interval`
		`default ip igmp last-member-query-interval`
		Parameters
		• *period* transmission interval (deciseconds) between consecutive group-specific query messages.
		Value range: 10 (one second) to 317440 (8 hours, 49 minutes, 4 seconds). Default is 10 (one second).

ip igmp query-interval	ip igmp query-interval	**Command Syntax**
		`ip igmp query-interval` *period*
		`no ip igmp query-interval`
		`default ip igmp query-interval`
		Parameters
		• *period* interval (seconds) between IGMP query messages. Values range from 1 to 3175 (52 minutes, 55 seconds). Default is 125.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip igmp query-max-response-time	ip igmp query-max-response-time	**Command Syntax** **ip igmp query-max-response-time** *period* **no ip igmp query-max-response-time** **default ip igmp query-max-response-time** **Parameters** • *period* maximum response time (deciseconds). Values range from 1 to 31744 (52 minutes, 54 seconds). Default is 100 (ten seconds).
ip igmp snooping	ip igmp snooping	**Command Syntax** **ip igmp snooping** **no ip igmp snooping** **default ip igmp snooping**
ip igmp snooping querier	ip igmp snooping querier	**Command Syntax** **ip igmp snooping querier** **no ip igmp snooping querier** **default ip igmp snooping querier**
ip igmp snooping vlan	ip igmp snooping vlan	**Command Syntax** **ip igmp snooping vlan** *v_range* **no ip igmp snooping vlan** *v_range* **default ip igmp snooping vlan** *v_range* **Parameters** • *v_range* VLANs upon which snooping is enabled. Formats include a number, a number range, or a comma-delimited list of numbers and ranges. Numbers range from 1 to 4094.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip igmp snooping vlan immediate-leave	ip igmp snooping vlan immediate-leave	**Command Syntax** **ip igmp snooping vlan** *v_range* **immediate-leave** **no ip igmp snooping vlan** *v_range* **immediate-leave** **default ip igmp snooping vlan** *v_range* **immediate-leave** **Parameters** • *v_range* VLAN IDs. Formats include a number, number range, or comma-delimited list of numbers and ranges. Numbers range from 1 to 4094.
ip igmp snooping vlan mrouter	ip igmp snooping vlan mrouter	**Command Syntax** **ip igmp snooping vlan** *v_range* **mrouter interface** ***STATIC_INT*** **no ip igmp snooping vlan** *v_range* **mrouter interface** ***STATIC_INT*** **default ip igmp snooping vlan** *v_range* **mrouter interface** ***STATIC_INT*** **Parameters** • *v_range* VLAN IDs. Formats include a number, number range, or comma-delimited list of numbers and ranges. Numbers range from 1 to 4094. • ***STATIC_INT*** interface the command configures as a static port. Selection options include: — **ethernet** *e_range* where *e_range* is the number, range, or list of ethernet ports — **port-channel** *p_range* where *p_range* is the number, range, or list of channel ports The ***STATIC_INT*** interface must route traffic through a VLAN specified within *v_range*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip igmp snooping vlan static	ip igmp snooping vlan static	**Command Syntax** **ip igmp snooping vlan** *v_num* **static** *ipv4_addr* **interface** ***STATIC_INT*** **no ip igmp snooping vlan** *v_num* **static** *ipv4_addr* **interface** ***STATIC_INT*** **default ip igmp snooping vlan** *v_num* **static** *ipv4_addr* **interface** ***STATIC_INT*** **Parameters** • *v_num* VLAN number. Value ranges from 1 to 4094. • *ipv4_addr* multicast group IPv4 address. • ***STATIC_INT*** interface the command configures as the static group member. Options include: — **ethernet** *e_range*, where *e_range* is the number, range, or list of Ethernet ports — **port-channel** *p_range*, where *p_range* is the number, range, or list of channel ports
ip igmp startup-query-interval	ip igmp startup-query-interval	**Command Syntax** **ip igmp startup-query-interval** *period* **no ip igmp startup-query-interval** **default ip igmp startup-query-interval** **Parameters** • *period* startup query interval, in deciseconds. Value ranges from 10 (one second) to 317440 (8 hours, 49 minutes, 4 seconds). Default is 31 seconds.
ip igmp startup-query-count	ip igmp startup-query-count	**Command Syntax** **ip igmp startup-query-count** *number* **no ip igmp startup-query-count** **default ip igmp startup-query-count** **Parameters** • *number* quantity of queries. Values range from 1 to 65535. Default is 2.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip igmp static-group	ip igmp static-group	**Command Syntax** **ip igmp static-group** *group_address* [***SOURCE_ADDRESS***] **no ip igmp static-group** *group_address* [***SOURCE_ADDRESS***] **default ip igmp static-group** *group_address* [***SOURCE_ADDRESS***] **Parameters** • *group_address* IPv4 address of multicast group for which the interface fast-switches packets. • ***SOURCE_ADDRESS*** IP address of host that originates multicast data packets. — <no parameter> all multicast messages of the specified group are fast-switched. — *ipv4_address* source IP address (dotted decimal notation).
ip igmp version	ip igmp version	**Command Syntax** **ip igmp version** *version_number* **no ip igmp version** **default ip igmp version** **Parameters** • *version_number* IGMP version number. Value ranges from 1 to 3.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip load-sharing	ip load-sharing	**Command Syntax**
		`ip load-sharing HARDWARE seed`
		`no ip load-sharing HARDWARE`
		`default ip load-sharing HARDWARE`
		Parameters
		• ***HARDWARE*** The ASIC switching device. The available option depend on the switch platform. Verify available options with the CLI ? command.
		— **arad**
		— **fm6000**
		— **petraA**
		— **trident**
		• *seed* The hash seed. Value range varies by switch platform. The default value on all platforms is 0.:
		— when ***HARDWARE*=arad** *seed* ranges from 0 to 2.
		— when ***HARDWARE*=fm6000** *seed* ranges from 0 to 39.
		— when ***HARDWARE*=petraA** *seed* ranges from 0 to 2.
		— when ***HARDWARE*=trident** *seed* ranges from 0 to 5.

ip local-proxy-arp	ip local-proxy-arp	**Command Syntax**
		`ip local-proxy-arp`
		`no ip local-proxy-arp`
		`default ip local-proxy-arp`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp cache-sa-state	ip msdp cache-sa-state	**Command Syntax** **`ip msdp cache-sa-state`**
ip msdp default-peer	ip msdp default-peer	**Command Syntax** **`ip msdp default-peer`** *peer_id* **[*PREFIX*]** **`no ip msdp default-peer`** *peer_id* **`default ip msdp default-peer`** *peer_id* **Parameters** • *peer_id* MSDP peer (IPv4 address). • ***PREFIX*** List of RPs from the SA messages originate for whiich the default peer is valid. — <no parameter> default peer is valid for SAs from all originating RPs. — **prefix-list** *list_name* name of the prefix list that defines affected originating RP prefixes.
ip msdp description	ip msdp description	**Command Syntax** **`ip msdp`** *peer_id* **`description`** *description_string* **`no ip msdp`** *peer_id* **`description`** **`default ip msdp`** *peer_id* **`description`** **Parameters** • *peer_id* MSDP peer (IPv4 address). • *description_string* text string that is associated with neighbor.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp group-limit	ip msdp group-limit	**Command Syntax** **ip msdp group-limit** *quantity* **source** *src_subnet* **no ip msdp group-limit** *quantity* **source** *src_subnet* **default ip msdp group-limit** *quantity* **source** *src_subnet* **Parameters** • *quantity* maximum number of groups that can access the interface. Value ranges from 1 to 40000. • *src_subnet* Source IPv4 subnet (CIDR or address-mask notation).
ip msdp keepalive	ip msdp keepalive	**Command Syntax** **ip msdp keepalive** *peer_id keep_alive hold_time* **no ip msdp keepalive** *peer_id* **default ip msdp keepalive** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *keep_alive* keepalive period (seconds). Value ranges from 1 to 65535. Default value is 60. • *hold_time* hold time (seconds). Value ranges from 1 to 65535. Deafult value is 75.
ip msdp mesh-group	ip msdp mesh-group	**Command Syntax** **ip msdp mesh-group** *group_name peer_id* **no ip msdp mesh-group** *group_name* [*peer_id*] **default ip msdp mesh-group** *group_name* [*peer_id*] **Parameters** • *group_name* name of mesh group. • *peer_id* MSDP peer address (IPv4 address).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp originator-id	ip msdp originator-id	**Command Syntax** **ip msdp originator-id *INTERFACE*** **no ip msdp originator-id *INTERFACE*** **default ip msdp originator-id *INTERFACE*** **Parameters** • *INTERFACE* Specifies the interface from which the IP address is derived. Options include: — **ethernet** *e_num* Ethernet interface. — **loopback** *l_num* Loopback interface. — **management** *m_num* Management interface. — **port-channel** *p_num* Port-Channel Interface. — **vlan** *v_num* VLAN interface. — **vxlan** *vx_num* VXLAN interface.
ip msdp peer	ip msdp peer	**Command Syntax** **ip msdp peer** *peer_id* **[*CONNECTION*]** **no ip msdp peer** *peer_id* **default ip msdp peer** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *CONNECTION* interface through which TCP session connects. Options include: — <no parameter> determined through previously configured protocol. — **connect-source ethernet** *e_num* Ethernet interface. — **connect-source loopback** *l_num* Loopback interface. — **connect-source management** *m_num* Management interface. — **connect-source port-channel** *p_num* Port-Channel Interface. — **connect-source vlan** *v_num* VLAN interface. — **connect-source vxlan** *vx_num* VXLAN interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp sa-filter in	ip msdp sa-filter in	**Command Syntax** **ip msdp sa-filter in** *peer_id* **list** *list_name* **no ip msdp sa-filter in** *peer_id* **default ip msdp sa-filter in** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *list_name* name of ACL that filters SA messages.
ip msdp sa-filter out	ip msdp sa-filter out	**Command Syntax** **ip msdp sa-filter out** *peer_id* **list** *list_name* **no ip msdp sa-filter out** *peer_id* **default ip msdp sa-filter out** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *list_name* name of ACL that filters SA messages.
ip msdp sa-limit	ip msdp sa-limit	**Command Syntax** **ip msdp sa-limit** *peer_id quantity* **no ip msdp sa-limit** *peer_id* **default ip msdp sa-limit** *peer_id* **Parameters** • *peer_id* MSDP peer (IPv4 address). • *quantity* maximum number of SA messages that the switch can store. Value ranges from 0 to 40000.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp shutdown	ip msdp shutdown	**Command Syntax** **ip msdp** *peer_id* **shutdown** **no ip msdp** *peer_id* **shutdown** **default ip msdp** *peer_id* **shutdown** **Parameters** • *peer_id* MSDP peer (IPv4 address).
ip msdp timer	ip msdp timer	**Command Syntax** **ip msdp timer** *connect_retry* **no ip msdp timer** *connect_retry* **default ip msdp timer** *connect_retry* **Parameters** • *connect_retry* Reconnect period (seconds). Value ranges from 1 to 65535. Default is 30.
ip multicast boundary	ip multicast boundary	**Command Syntax** **ip multicast boundary** ***SUB_NET*** [***TCAM***] **no ip multicast boundary** [***SUB_NET***] **default ip multicast boundary** [***SUB_NET***] **Parameters** • ***SUB_NET*** the subnet address configured as the multicast boundary. Options include: — *net_addr* multicast subnet address (CIDR or address mask). — *acl_name* standard access control list (ACL) that specifies the multicast group addresses. • ***TCAM*** specifies address inclusion in the routing table. Options include: — <no parameter> boundaries ((S,G) entries) are added to routing table. — **out** boundaries are not added to routing table.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip multicast-routing	ip multicast-routing	**Command Syntax** **ip multicast-routing** **no ip multicast-routing** **default ip multicast-routing**
ip name-server	ip name-server	**Command Syntax** **ip name-server** [***VRF_INSTANCE***] *SERVER_1* [*SERVER_2*] [*SERVER_3*] **no ip name-server** [***VRF_INSTANCE***] [*SERVER_1*] [*SERVER_2*] [*SERVER_3*] **default ip name-server** [***VRF_INSTANCE***] [*SERVER_1*] [*SERVER_2*] [*SERVER_3*] **Parameters** • *VRF_INSTANCE* specifies the VRF instance containing the addresses. — <no parameter> default VRF. — **vrf** *vrf_name* a user-defined VRF. • *SERVER_X* IP address of the name server (dotted decimal notation). Options include: — *ipv4_addr* (A.B.C.D) — *ipv6_addr* (A:B:C:D:E:F:G:H) A command can contain both (IPv4 and IPv6) address types.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip nat pool	ip nat pool	**Command Syntax** **ip nat pool** *pool_name* [***ADDRESS_SPAN***] ***SUBNET_SIZE*** **no ip nat pool** *pool_name* **default ip nat pool** *pool_name* **Parameters** • *pool_name* name of the IP address pool. • ***ADDRESS_SPAN*** Options include: — *start_addr* The first IP address in the address pool (IPv4 addresses in dotted decimal notation). — *end_addr* The last IP address in the address pool. (IPv4 addresses in dotted decimal notation). • ***SUBNET_SIZE*** this functions as a sanity check to ensure it is not a network or broadcast network. Options include: — **netmask** *ipv4_addr* The netmask of the address pool's network (dotted decimal notation). — **prefix-length** *<0* to *32>* The number of bits of the netmask (of the address pool's network) that are ones (how many bits of the address indicate network).
ip nat translation tcp-timeout	ip nat translation tcp-timeout	**Command Syntax** **ip nat translation tcp-timeout** *period* **no ip nat translation tcp-timeout** **default ip nat translation tcp-timeout** **Parameters** • *period* Time-out period in seconds for port translations. Value ranges from ***0*** to ***4294967295***. Default value is 86400 (24 hours).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip nat translation udp-timeout	ip nat translation udp-timeout	**Command Syntax** **`ip nat translation udp-timeout`** *`period`* **`no ip nat translation udp-timeout`** **`default ip nat translation udp-timeout`** **Parameters** • *period* Value ranges from 0 to 4294967295. Default value is 300 (5 minutes).
ip ospf authentication	ip ospf authentication	**Command Syntax** **`ip ospf authentication`** [***`METHOD`***] **`no ip ospf authentication`** **`default ip ospf authentication`** **Parameters** • *METHOD* OSPFv2 authentication method. Options include: — <no parameter> — **message-digest**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf authentication-key	ip ospf authentication-key	**Command Syntax** **ip ospf authentication-key** [***ENCRYPT_TYPE***] *key_text* **no ip ospf authentication-key** **default ip ospf authentication-key** **Parameters** • *ENCRYPT_TYPE* encryption level of the *key_text* parameter. Values include: — <no parameter> the *key_text* is in clear text. — **0** *key_text* is in clear text. Equivalent to <no parameter>. — **7** *key_text* is MD5 encrypted. • *key_text* the authentication-key password.
ip ospf bfd	ip ospf bfd	**Command Syntax** **ip ospf bfd** **no ip ospf bfd** **default ip ospf bfd**
ip ospf cost	ip ospf cost	**Command Syntax** **ip ospf cost** *interface_cost* **no ip ospf cost** **default ip ospf cost** **Parameters** • *interface_cost* Value ranges from 1 to 65535; default is 10.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf dead-interval	ip ospf dead-interval	**Command Syntax** **`ip ospf dead-interval`** *`time`* **`no ip ospf dead-interval`** **`default ip ospf dead-interval`** **Parameters** • *time* Value ranges from 1 to 8192; default is 40.
ip ospf hello-interval	ip ospf hello-interval	**Command Syntax** **`ip ospf hello-interval`** *`time`* **`no ip ospf hello-interval`** **`default ip ospf hello-interval`** **Parameters** • *time* hello interval (seconds). Values range from 1 to 8192; default is 10.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf message-digest-key	ip ospf message-digest-key	**Command Syntax** **ip ospf message-digest-key** *key_id* **md5** ***ENCRYPT_TYPE*** *key_text* **no ip ospf message-digest-key** *key_id* **default ip ospf message-digest-key** *key_id* **Parameters** • *key_id* key ID number. Value ranges from 1 to 255. • ***ENCRYPT_TYPE*** encryption level of the *key_text* parameters. Values include: — <no parameter> — **0** *key_text* — **7** *key_text* • *key_text* message key (password).
ip ospf name-lookup	ip ospf name-lookup	**Command Syntax** **ip ospf name-lookup** **no ip ospf name-lookup** **default ip ospf name-lookup**
ip ospf network	ip ospf network	**Command Syntax** **ip ospf network point-to-point** **no ip ospf network** **default ip ospf network**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf priority	ip ospf priority	**Command Syntax** **`ip ospf priority`** *`priority_level`* **`no ip ospf priority`** **`default ip ospf priority`** **Parameters** • *priority_level* priority level. Value ranges from 0 to 255. Default value is 1.
ip ospf retransmit-interval	ip ospf retransmit-interval	**Command Syntax** **`ip ospf retransmit-interval`** *`period`* **`no ip ospf retransmit-interval`** **`default ip ospf retransmit-interval`** **Parameters** • *period* retransmission interval (seconds). Value ranges from 1 to 8192; default is 5.
ip ospf shutdown	ip ospf shutdown	**Command Syntax** **`ip ospf shutdown`** **`no ip ospf shutdown`** **`default ip ospf shutdown`**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf transmit-delay	ip ospf transmit-delay	**Command Syntax** **ip ospf transmit-delay** *trans* **no ip ospf transmit-delay** **default ip ospf transmit-delay** **Parameters** • *trans* LSA transmission delay (seconds). Value ranges from 1 to 8192; default is 1.
ip pim anycast-rp	ip pim anycast-rp	**Command Syntax** **ip pim anycast-rp** *rp_addr peer_addr* [***REGISTER***] **no ip pim anycast-rp** *rp_addr* [*peer_addr*] **default ip pim anycast-rp** *rp_addr* [*peer_addr*] **Parameters** • *rp_addr* Rendezvous point IP address (dotted decimal notation). • *peer_addr* IP address of an anycast-RP set member (dotted decimal notation). • ***REGISTER*** Number of unacknowledged register messages the switch sends to the peer router. — <No parameter> register count is set to default value of 10. — **register-count** *r_num* where *r_num* is an integer that ranges from 1 to 4294967295. — **register-count infinity**
ip pim bfd	ip pim bfd	**Command Syntax** **ip pim bfd** **no ip pim bfd** **default ip pim bfd**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim bfd-instance	ip pim bfd-instance	**Command Syntax**
		`ip pim bfd-instance`
		`no ip pim bfd-instance`
		`default ip pim bfd-instance`

ip pim bsr-border	ip pim bsr-border	**Command Syntax**
		`ip pim bsr-border`
		`no ip pim bsr-border`
		`default ip pim bsr-border`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim bsr-candidate	ip pim bsr-candidate	**Command Syntax** **ip pim bsr-candidate** ***INTERFACE*** [***HASHMASK_LENGTH***] [***INTERVAL_PERIOD***] [***PRIORITY_NUM***] **no ip pim bsr-candidate** [**priority**] [**interval**] **default ip pim bsr-candidate** [**priority**] [**interval**] **Parameters** • ***INTERFACE*** Switch uses IP address of specified interface as its BSR address. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. • ***HASHMASK_LENGTH*** Length (in bits) of the hash mask. — <no parameter> hash mask remains unchanged from previous setting. — **hashmask** ***<0 - 32>*** hash mask length (in bits). Default value is 30. • ***INTERVAL_PERIOD*** Period between the transmission of BSMs (seconds). Default value is 60. — <no parameter> interval remains unchanged from previous setting. — **interval** ***<10 - 536870906>*** transmission interval in seconds. • ***PRIORITY_NUM*** BSR election priority rating. Larger numbers denote higher priority. Default value is 64. — <no parameter> priority remains unchanged from previous setting. — **priority** ***<0 - 255>*** priority rating.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim dr-priority	ip pim dr-priority	**Command Syntax** **ip pim dr-priority** *level* **no ip pim dr-priority** [*level*] **default ip pim dr-priority** [*level*] **Parameters** • *level* DR selection priority rating. Value ranges from 0 to 4294967295.
ip pim log-neighbor-changes	ip pim log-neighbor-changes	**Command Syntax** **ip pim log-neighbor-changes** **no ip pim log-neighbor-changes** **default ip pim log-neighbor-changes**
ip pim neighbor-filter	ip pim neighbor-filter	**Command Syntax** **ip pim neighbor-filter** *access_list* **no ip pim neighbor-filter** **default ip pim neighbor-filter** **Parameters** • *access_list* name of the standard IP access list.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim query-interval	ip pim query-interval	**Command Syntax** **ip pim query-interval** *period* **no ip pim query-interval** [*period*] **default ip pim query-interval** [*period*] **Parameters** • *period* query interval (seconds). Value ranges from 1 to 1000000 (1 million). Default is 30.
ip pim register-source	ip pim register-source	**Command Syntax** **ip pim register-source** ***INT_NAME*** **no ip pim register-source** **default ip pim register-source** **Parameters** • *INT_NAME* Interface type and number. Values include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim rp-address	ip pim rp-address	**Command Syntax** **ip pim rp-address** *rp_addr* [***MULTICAST_SUBNET***] [***HASHMASK_LENGTH***] [***BSR_OVERRIDE***] [***PRIORITY_NUM***] **no ip pim rp-address** *rp_addr* [***MULTICAST_SUBNET***] **default ip pim rp-address** *rp_addr* [***MULTICAST_SUBNET***] **Parameters** • *rp_addr* Rendezvous point IP address (dotted decimal notation). • ***MULTICAST_SUBNET*** Multicast IP address space (CIDR or address-mask). — <no parameter> Default multicast group IP address of 224/4. — *gp_addr* Multicast group IP address (CIDR or address-mask). — **access-list** *acl_name* Standard access control list that specifies the multicast group address. — *acl_name* Standard access control list that specifies the multicast group address. • ***HASHMASK_LENGTH*** Length (in bits) of the hash mask. — <no parameter> hash mask remains unchanged from previous setting. — **hashmask** <*0 - 32*> hash mask length (in bits). Default value is 30. • ***BSR_OVERRIDE*** Configures priority relative to dynamic RPs selected by BSR. — <no parameter> Dynamic RPs have priority over specified RP. — **override** RP has priority over dynamic RPs. • ***PRIORITY_NUM*** BSR election priority rating. Larger numbers denote higher priority. Default value is 64. — <no parameter> priority remains unchanged from previous setting. — **priority** <*0 - 255*> priority rating.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim rp-candidate	ip pim rp-candidate	**Command Syntax**
		The *INTERFACE* parameter is always listed first. All other parameters can be placed in any order.
		`ip pim rp-candidate INTERFACE [GROUP_ADDR] [PRIORITY_NUM] [INTERVAL_PERIOD]`
		`no ip pim rp-candidate [INTERFACE] [GROUP_ADDR]`
		`no ip pim rp-candidate [INTERFACE] interval`
		`no ip pim rp-candidate [INTERFACE] priority`
		`default ip pim rp-candidate [INTERFACE] [GROUP_ADDR]`
		`default ip pim rp-candidate [INTERFACE] interval`
		`default ip pim rp-candidate [INTERFACE] priority`
		Parameters
		• *INTERFACE* Switch uses IP address of specified interface as its C-RP address. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		— **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
		• *GROUP_ADDR* address of multicast group for which candidate is configured. Options include:
		— <no parameter> default multicast group (224.0.0.0/4).
		— *net_addr* multicast IPv4 subnet address (CIDR or address mask).
		— **access-list** *acl_name* standard access control list that specifies the multicast group address.
		• *PRIORITY_NUM* RP selection priority rating. Smaller numbers denote higher priority.
		— <no parameter> priority rating is set to the default value of 0.
		— **priority** *<0 - 255>* priority rating.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• ***INTERVAL_NUM*** Period between consecutive RP-advertisement message transmissions (seconds). Value also applies to previously configured rp-candidate statements. — <no parameter> interval remains unchanged from previous setting. — **interval** *<10 - 16383>* transmission interval.

ip pim sparse-mode	ip pim sparse-mode	**Command Syntax**
		`ip pim sparse-mode`
		`no ip pim`
		`no ip pim sparse-mode`
		`default ip pim`
		`default ip pim sparse-mode`

ip pim spt-threshold	ip pim spt-threshold	**Command Syntax**
		`ip pim spt-threshold JOIN`
		`no ip pim spt-threshold`
		`default ip pim spt-threshold`
		Parameters
		• ***JOIN*** specifies switch's use of the short path tree (SPT). Options include:
		— **0** The switch immediately joins the SPT. This is the default value.
		— **infinity** The switch never joins the SPT.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim spt-threshold group-list	ip pim spt-threshold group-list	**Command Syntax** **ip pim spt-threshold *JOIN* group-list** *acl_name* **no ip pim spt-threshold *JOIN* group-list** *acl_name* **default ip pim spt-threshold *JOIN* group-list** *acl_name* **Parameters** • ***JOIN*** specifies switch's use of the short path tree (SPT) for specified groups. Options include: — **0** The switch immediately joins the SPT. This is the default value. — **infinity** The switch never joins the SPT. • *acl_name* name of access control list.
ip pim ssm range	ip pim ssm range	**Command Syntax** **ip pim ssm range** [***ACCESS_RANGE***] **no ip pim ssm range** **default ip pim ssm range** **Parameters** • ***ACCESS_RANGE*** specifies the SSM IP multicast address range. Options include: — *acl_name* sets the SSM range to address set specified by the standard ACL. — **standard** sets the SSM range to 232/8.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip prefix-list	ip prefix-list	**Command Syntax** **ip prefix-list** *list_name* [***SEQUENCE***] ***FILTER_TYPE*** *network_addr* [***MASK***] **no ip prefix-list** *list_name* [***SEQUENCE***] **default ip prefix-list** *list_name* [***SEQUENCE***] **Parameters** • *list_name* The label that identifies the prefix list. • ***SEQUENCE*** Sequence number of the prefix list entry. Options include — <no parameter> entry's number is ten plus highest sequence number in current list. — **seq** *seq_num* number assigned to entry. Value ranges from 0 to 65535. • ***FILTER_TYPE*** specifies route access when it matches IP prefix list. Options include: — **permit** routes are permitted access when they match the specified subnet. — **deny** routes are denied access when they match the specified subnet. • *network_addr* Subnet upon which command filters routes. Format is CIDR or address-mask. • ***MASK*** rrange of the prefix to be matched. — <no parameter> exact match with the subnet mask is required. — **eq** *mask_e* prefix length is equal to *mask_e*. — **ge** *mask_g* range is from *mask_g* to 32. — **le** *mask_l* range is from *subnet* mask length to *mask_l*. — **ge** *mask_l* **le** *mask_g* range is from *mask_g* to *mask_l*. *mask_e, mask_l* and *mask_g* range from 1 to 32. when **le** and **ge** are specified, *subnet* mask > *mask_g*>*mask_l*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip protocol	ip protocol (Monitor Reachability Probe Transmitter)	**Command Syntax**
		`ip protocol PROT_TYPE`
		`no ip protocol`
		`default ip protocol`
		Parameters
		• *PROT_TYPE* Specifies the IP protocol. Options include:
		— **tcp** TCP packets.
		— **udp** UDP packets.

ip proxy-arp	ip proxy-arp	**Command Syntax**
		`ip proxy-arp`
		`no ip proxy-arp`
		`default ip proxy-arp`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip radius source-interface	ip radius source-interface	**Command Syntax**
		`ip radius [VRF_INST] source-interface INT_NAME`
		`no ip radius [VRF_INST] source-interface`
		`default ip radius [VRF_INST] source-interface`
		Parameters
		• *VRF_INST* specifies the VRF instance used to communicate with the specified server.
		— <no parameter> switch communicates with the server using the default VRF.
		— **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF.
		• *INT_NAME* Interface type and number. Options include:
		— **interface ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **interface loopback** *l_num* Loopback interface specified by *l_num*.
		— **interface management** *m_num* Management interface specified by *m_num*.
		— **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **interface vlan** *v_num* VLAN interface specified by *v_num*.

ip rip v2-broadcast	ip rip v2-broadcast	**Command Syntax**
		`ip rip v2-broadcast`
		`no ip rip v2-broadcast`
		`default ip rip v2-broadcast`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip route	ip route	**Command Syntax** **ip route** [***VRF_INSTANCE***] *dest_net* ***NEXTHOP*** [***DISTANCE***] [***TAG_OPTION***] [***RT_NAME***] **no ip route** [***VRF_INSTANCE***] *dest_net* [***NEXTHOP***] [***DISTANCE***] **default ip route** [***VRF_INSTANCE***] *dest_net* [***NEXTHOP***] [***DISTANCE***] **Parameters** • ***VRF_INSTANCE*** Specifies the VRF instance being modified. — <no parameter> Changes are made to the default VRF. — **vrf** *vrf_name* Changes are made to the specified VRF. • *dest_net* Destination IPv4 subnet (CIDR or address-mask notation). • ***NEXTHOP*** Location or access method of next hop device. Options include: — *ipv4_addr* An IPv4 address. — **null0** Null0 interface. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • ***DISTANCE*** Administrative distance assigned to route. Options include: — <no parameter> Route assigned default administrative distance of one. — <1-255> The administrative distance assigned to route. • ***TAG_OPTION*** static route tag. Options include: — <no parameter> Assigns default static route tag of 0. — **tag** *t_value* Static route tag value. *t_value* ranges from ***0*** to ***4294967295***.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• ***RT_NAME*** Associates descriptive text to the route. Options include: — <no parameter> No text is associated with the route. — **name** *descriptive_text* The specified text is assigned to the route.

ip routing	ip routing	**Command Syntax**
		`ip routing [VRF_INSTANCE]`
		`no ip routing [DELETE_ROUTES] [VRF_INSTANCE]`
		`default ip routing [DELETE_ROUTES] [VRF_INSTANCE]`
		Parameters
		• ***DELETE_ROUTES*** Resolves routing table static entries when routing is disabled.
		— <no parameter> Routing table retains static entries.
		— **delete-static-routes** Static entries are removed from the routing table.
		• ***VRF_INSTANCE*** specifies the VRF instance being modified.
		— <no parameter> changes are made to the default VRF.
		— **vrf** *vrf_name* changes are made to the specified user-defined VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip tacacs source-interface	ip tacacs source-interface	**Command Syntax** **ip tacacs** [***VRF_INST***] **source-interface** ***INT_NAME*** **no ip tacacs** [***VRF_INST***] **source-interface** **default ip tacacs** [***VRF_INST***] **source-interface** **Parameters** • *VRF_INST* specifies the VRF instance used to communicate with the specified server. — <no parameter> switch communicates with the server using the default VRF. — **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF. • *INT_NAME* Interface type and number. Options include: — **interface ethernet** *e_num* Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Loopback interface specified by *l_num*. — **interface management** *m_num* Management interface specified by *m_num*. — **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*.
ipv6 access-list	ipv6 access-list	**Command Syntax** **ipv6 access-list** *list_name* **no ipv6 access-list** *list_name* **default ipv6 access-list** *list_name* **Parameters** • *list_name* Name of ACL. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 address	ipv6 address	**Command Syntax** **ipv6 address** *ipv6_prefix* **no ipv6 address** [*ipv6_prefix*] **default ipv6 address** [*ipv6_prefix*] **Parameters** • *ipv6_prefix* address assigned to the interface (CIDR notation).
ipv6 dhcp relay destination	ipv6 dhcp relay destination	**Command Syntax** **ipv6 dhcp relay destination** *ipv6_addr* **no ipv6 dhcp relay destination** [*ipv6_addr*] **default ipv6 dhcp relay destination** [*ipv6_addr*] **Parameters** • *ipv6_addr* DCHP Server's IPv6 address.
ipv6 enable	ipv6 enable	**Command Syntax** **ipv6 enable** **no ipv6 enable** **default ipv6 enable**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 host	ipv6 host	**Command Syntax** **ipv6 host** *hostname hostadd_1* [*hostadd_2*] ... [*hostadd_X*] **no ipv6 host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **default ipv6 host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **Parameters** • *hostname* hostname (text). • *hostadd_N* IPv6 addresses associated with hostname (dotted decimal notation).
ipv6 access-group	ipv6 access-group	**Command Syntax** **ipv6 access-group** *list_name* ***DIRECTION*** **no ipv6 access-group** *list_name* ***DIRECTION*** **default ipv6 access-group** *list_name* ***DIRECTION*** **Parameters** • *list_name* name of ACL assigned to interface. • ***DIRECTION*** transmission direction of packets, relative to interface. Valid options include: — **in** inbound packets. — **out** outbound packets.
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	**Command Syntax** **ipv6 nd managed-config-flag** **no ipv6 nd managed-config-flag** **default ipv6 nd managed-config-flag**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ns-interval	ipv6 nd ns-interval	**Command Syntax** **ipv6 nd ns-interval** *period* **no ipv6 nd ns-interval** **default ipv6 nd ns-interval** **Parameters** • *period* interval in milliseconds between successive IPv6 neighbor solicitation transmissions. Values range from 1000 to 4294967295. The default period is 1000 milliseconds.
ipv6 nd other-config-flag	ipv6 nd other-config-flag	**Command Syntax** **ipv6 nd other-config-flag** **no ipv6 nd other-config-flag** **default ipv6 nd other-config-flag**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd prefix	ipv6 nd prefix	**Command Syntax** **ipv6 nd prefix** *ipv6_prefix* ***LIFETIME*** **[*FLAGS*]** **ipv6 nd prefix** *ipv6_prefix* **no-advertise** **no ipv6 nd prefix** *ipv6_prefix* **default ipv6 nd prefix** *ipv6_prefix* **Parameters** • *ipv6_prefix* IPv6 prefix (CIDR notation). • **no-advertise** Prevents advertising of the specified prefix. • ***LIFETIME*** Period that the specified IPv6 prefix is advertised (seconds). Options include — *valid preferred* Two values that set the ***valid*** and ***preferred*** lifetime periods. — *valid* One value that sets the ***valid*** lifetime. The ***preferred*** lifetime is set to the default value. — <no parameter> The ***valid*** and ***preferred*** lifetime periods are set to their default values. Options for *valid*: ***<0*** to ***4294967295***> and **infinite**. Default value is 2592000 Options for *preferred*: ***<0*** to ***4294967295***> and **infinite**. Default value is 604800 The maximum value (***4294967295***) and **infinite** are equivalent settings. • ***FLAGS*** ***on-link*** and ***autonomous address-configuration*** flag values in RAs. — <no parameter> both flags are set. — **no-autoconfig** ***autonomous address-configuration*** flag is reset. — **no-onlink** ***on-link*** flag is reset. — **no-autoconfig no-onlink** both flags are reset. — **no-onlink no-autoconfig** both flags are reset.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ra interval	ipv6 nd ra interval	**Command Syntax** **`ipv6 nd ra interval`** [***`SCALE`***] *ra_period* [*minimum_period*] **`no ipv6 nd ra interval`** **`default ipv6 nd ra interval`** **Parameters** • *SCALE* timescale in which command parameter values are expressed. — <no parameter> seconds — **msec** milliseconds • *ra_period* maximum interval between successive IPv6 RA transmissions. The default period is 200 seconds. — ***<4 - 1800>*** valid range when **scale** is set to default value (seconds). — ***<500 - 1800000>*** valid range when **scale** is set to ***msec***. • *minimum_period* minimum interval between successive IPv6 RA transmissions. Must be smaller than *ra_period*. By default, a minimum period is not defined. — <no parameter> Command does not specify a minimum period. — ***<3 - 1799>*** valid range when **scale** is set to default value (seconds). — ***<375 - 1799999>*** valid range when **scale** is set to ***msec***.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ra lifetime	ipv6 nd ra lifetime	**Command Syntax** **ipv6 nd ra lifetime** *ra_lifetime* **no ipv6 nd ra lifetime** **default ipv6 nd ra lifetime** **Parameters** • *ra_lifetime* router lifetime period (seconds). Default value is 1800. Options include — ***<0>*** Router should not be considered as a default router — ***<1 - 65535>*** Lifetime period advertised in RAs. Should be greater than or equal to the interval between IPv6 RA transmissions from the configuration mode interface as set by the **ipv6 nd ra interval** command.
ipv6 nd ra suppress	ipv6 nd ra suppress	**Command Syntax** **ipv6 nd ra suppress** [*SCOPE*] **no ipv6 nd ra suppress** **default ipv6 nd ra suppress**
ipv6 nd reachable-time	ipv6 nd reachable-time	**Command Syntax** **ipv6 nd reachable-time** *period* **no ipv6 nd reachable-time** **default ipv6 nd reachable-time** **Parameters** • *period* Reachable time value (milliseconds). Value ranges from ***0*** to ***4294967295***. Default is 0.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd router-preference	ipv6 nd router-preference	**Command Syntax** **ipv6 nd router-preference *RANK*** **no ipv6 nd router-preference** **default ipv6 nd router-preference** **Parameters** • *RANK* Router preference value. Options include: — **high** — **low** — **medium**
ipv6 neighbor	ipv6 neighbor	**Command Syntax** **ipv6 neighbor** *ipv6_addr* ***PORT*** *mac_addr* **no ipv6 neighbor** *ipv6_address* ***PORT*** **default ipv6 neighbor** *ipv6_addr* ***PORT*** **Parameters** • *ipv6_addr* Neighbor's IPv6 address. • *PORT* Interface through which the neighbor is accessed. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *mac_addr* Neighbor's data-link (hardware) address. (48-bit dotted hex notation – H.H.H).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf area	ipv6 ospf area	**Command Syntax** **ipv6 ospf** *process_id* **area** *area_id* **no ipv6 ospf** process_id [**area** *area_id*] **default ipv6 ospf** *process_id* [**area** *area_id*] **Parameters** • *process_id* Values range from 1 to 65535. • *area_id* Valid formats: integer <0 to 4294967295> or dotted decimal <0.0.0.0 to 255.255.255.255> ***Running-config*** stores value in dotted decimal notation.
ipv6 ospf cost	ipv6 ospf cost	**Command Syntax** **ipv6 ospf cost** *interface_cost* **no ipv6 ospf cost** **default ipv6 ospf cost** **Parameters** • *interface_cost* Value ranges from 1 to 65535; default is 10.
ipv6 ospf dead-interval	ipv6 ospf dead-interval	**Command Syntax** **ipv6 ospf dead-interval** *time* **no ipv6 ospf dead-interval** **default ipv6 ospf dead-interval** **Parameters** • *time* Value ranges from 1 to 65535; default is 40.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf hello-interval	ipv6 ospf hello-interval	**Command Syntax** **ipv6 ospf hello-interval** *time* **no ipv6 ospf hello-interval** **default ipv6 ospf hello-interval** **Parameters** • *time* Values range from 1 to 65535; default is 10.
ipv6 ospf network	ipv6 ospf network	**Command Syntax** **ipv6 ospf network point-to-point** **no ipv6 ospf network** **default ipv6 ospf network**
ipv6 ospf priority	ipv6 ospf priority	**Command Syntax** **ipv6 ospf priority** *priority_level* **no ipv6 ospf priority** **default ipv6 ospf priority** **Parameters** • *priority_level* Settings range from 0 to 255.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval	**Command Syntax** **ipv6 ospf retransmit-interval** *period* **no ipv6 ospf retransmit-interval** **default ipv6 ospf retransmit-interval** **Parameters** • *period* Value ranges from 1 to 65535; default is 5.
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay	**Command Syntax** **ipv6 ospf transmit-delay** *trans* **no ipv6 ospf transmit-delay** **default ipv6 ospf transmit-delay** **Parameters** • *trans* Value ranges from 1 to 65535; default is 1.
ipv6 prefix-list	ipv6 prefix-list	**Command Syntax** **ipv6 prefix-list** *list_name* **no ipv6 prefix-list** *list_name* **default ipv6 prefix-list** *list_name* **Parameters** • *list_name* Name of prefix list. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 route	ipv6 route	**Command Syntax** **ipv6 route** *dest_prefix* ***NEXTHOP*** [***DISTANCE***] [***TAG_OPT***] [***RT_NAME***] **no ipv6 route** *dest_prefix* [*nexthop_addr*] [***DISTANCE***] **default ipv6 route** *dest_prefix* [*nexthop_addr*] [***DISTANCE***] **Parameters** • *dest_prefix* destination IPv6 prefix (CIDR notation). • ***NEXTHOP*** Access method of next hop device. Options include: — **null0** Null0 interface – route is dropped. — *nexthop_addr* IPv6 address of nexthop device. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. — **ethernet** *e_num nexthop_addr* Combination route (Ethernet interface and gateway). — **loopback** *l_num nexthop_addr* Combination route (loopback interface and gateway). — **management** *m_num nexthop_addr* Combination route (management interface and gateway).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		— **port-channel** *p_num nexthop_addr* Combination route (port channel interface and gateway). — **vlan** *v_num nexthop_addr* Combination route (VLAN interface and gateway). — **vxlan** *vx_num nexthop_addr* Combination route (VXLAN interface and gateway) • ***DISTANCE*** administrative distance assigned to route. Options include: — <no parameter> route assigned default administrative distance of one. — *<1* to *255>* The administrative distance assigned to route. • ***TAG_OPT*** static route tag. Options include: — <no parameter> assigns default static route tag of 0. — **tag** *<0* to *4294967295>* Static route tag value. • ***RT_NAME*** Associates descriptive text to the route. Options include: — <no parameter> No text is associated with the route. — **name** *descriptive_text* The specified text is assigned to the route.
ipv6 router ospf	ipv6 router ospf	**Command Syntax** **ipv6 router ospf** *process_id* **no router ospf** *process_id* **default router ospf** *process_id* **Parameters** • *process_id* Values range from 1 to 65535.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 unicast-routing	ipv6 unicast-routing	**Command Syntax** **ipv6 unicast-routing** **no ipv6 unicast-routing** [***DELETE_ROUTES***] **default ipv6 unicast-routing** [***DELETE_ROUTES***] **Parameters** • *DELETE_ROUTES* Resolves routing table static entries when routing is disabled. — <no parameter> Routing table retains static entries. — **delete-static-routes** Static entries are removed from the routing table.
isis hello-interval	isis hello-interval	**Command Syntax** **isis hello-interval** *time* **no isis hello-interval** **default isis hello-interval** **Parameters** • *time* Values range from 1 to 300; default is 10.
isis hello-multiplier	isis hello-multiplier	**Command Syntax** **isis hello-multiplier** *factor* **no isis hello-multiplier** **default isis hello-multiplier** **Parameters** • *factor* Values range from 3 to 100; default is 3

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
isis lsp-interval	isis lsp-interval	**Command Syntax** **isis lsp-interval** *period* **no isis lsp-interval** **default isis lsp-interval** **Parameters** • *period* Value ranges from 1 through 3000. Default interval is 33 ms.
isis metric	isis metric	**Command Syntax** **isis metric** *metric_cost* **no isis metric** **default isis metric** **Parameters** • *metric_cost* Values range from 1 to 1677214. Default value is 10.
isis passive	isis passive	**Command Syntax** **isis passive** **no isis passive** **default isis passive**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
isis passive interface	passive-interface (IS-IS)	**Command Syntax** **`passive-interface`** ***`INTERFACE_NAME`*** **`no passive-interface`** ***`INTERFACE_NAME`*** **`default passive-interface`** ***`INTERFACE_NAME`*** **Parameters** • *INTERFACE_NAME* Options include: — **ethernet** *e_range* Ethernet interface list. — **loopback** *l_range* Loopback interface list. — **port-channel** *p_range* Channel group interface list. — **vlan** *v_range* VLAN interface list. Valid *e_range*, *l_range*, *p_range*, and *v_range* formats include number, range, or comma-delimited list of numbers and ranges.
isis priority	isis priority	**Command Syntax** **`isis priority`** *`priority_level`* **`no isis priority`** **`default isis priority`** **Parameters** • *priority_level* Value ranges from 0 to 127. Default value is 64.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
is-type	is-type	**Command Syntax** `is-type LAYER_VALUE` **Parameters** • *LAYER_VALUE* layer value.Options include: — **level-1** — **level-2**

lacp port-priority	lacp port-priority	**Command Syntax**
		`lacp port-priority priority_value`
		`no lacp port-priority`
		`default lacp port-priority`
		Parameters
		• *priority_level* port priority. Values range from 0 to 65535. Default is 32768

lacp rate	lacp rate	**Command Syntax**
		`lacp rate RATE_LEVEL`
		`no lacp rate`
		`default lacp rate`
		Parameters
		• *RATE_LEVEL* LACP transmission interval . Options include:
		— **fast** one second.
		— **normal** 30 seconds for synchronized interfaces; one second while interfaces synchronize.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
lacp system-priority	lacp system-priority	**Command Syntax** **lacp system-priority** *priority_value* **no lacp system-priority** **default lacp system-priority** **Parameters** • *priority_value* system priority number. Values range from 0 to 65535. Default is 32768.
link state group	link state group	**Command Syntax** **link state group** *group_name* ***DIRECTION*** **no link state group** [*group_name*] **default link state group** [*group_name*] **Parameters** • *group_name* link state tracking group name. • ***DIRECTION*** position of the interface in the link-state group. Valid options include: — **upstream** — **downstream**
link state track	link state track	**Command Syntax** **link state track** *group_name* **no link state track** *group_name* **default link state track** *group_name* **Parameters** • *group_name* link-state group name.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
lldp holdtime	lldp holdtime	**Command Syntax** **`lldp holdtime`** *`period`* **`no lldp holdtime`** **`default lldp holdtime`** **Parameters** • *period* The amount of time a receiving device should hold LLDPDU information before discarding it. Value ranges from 10 to 65535 second; default value is 120 seconds.
lldp receive	lldp receive	**Command Syntax** **`lldp receive`** **`no lldp receive`** **`default lldp receive`**
lldp reinit	lldp reinit	**Command Syntax** **`lldp reinit`** *`delay`* **`no lldp reinit`** **`default lldp reinit`** **Parameters** • *delay* the amount of time the device should wait before re-initialization is attempted. Value ranges from 1 to 20 seconds; default value is 2 seconds.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
lldp run	lldp run	**Command Syntax** **lldp run** **no lldp run** **default lldp run**
lldp timer	lldp timer	**Command Syntax** **lldp timer** *transmission_time* **no lldp timer** **default lldp timer**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

lldp tlv-select	lldp tlv-select	**Command Syntax**
		`lldp tlv-select TLV_NAME`
		`no lldp tlv-select TLV_NAME`
		`default lldp tlv-select TLV_NAME`
		Parameters
		• *TLV_NAME* Options include:
		— **link-aggregation** specifies the link aggregation TLV.
		— **management-address** specifies the management address TLV.
		— **max-frame-size** specifies the Frame size TLV.
		— **port-description** specifies the port description TLV.
		— **port-vlan** specifies the port VLAN ID TLV.
		— **system-capabilities** specifies the system capabilities TLV.
		— **system-description** specifies the system description TLV.
		— **system-name** specifies the system name TLV.

lldp transmit	lldp transmit	**Command Syntax**
		`lldp transmit`
		`no lldp transmit`
		`default lldp transmit`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

load interval	load interval	**Command Syntax**
		`load-interval` *delay*
		`no load-interval`
		`default load-interval`
		Parameters
		• *delay* Load interval delay. Values range from 5 to 600 (seconds). Default value is 300 (five minutes).

log-adjacency-changes	log-adjacency-changes (OSPFv2)	**Command Syntax**
		`log-adjacency-changes`
		`log-adjacency-changes detail`
		`no log-adjacency-changes`
		`default log-adjacency-changes`

log-adjacency-changes (IS-IS)	log-adjacency-changes (IS-IS)	**Command Syntax**
		`log-adjacency-changes`
		`no log-adjacency-changes`
		`default log-adjacency-changes`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
log-adjacency-changes (OSPFv3)	log-adjacency-changes (OSPFv3)	**Command Syntax** **log-adjacency-changes [*INFO_LEVEL*]** **no log-adjacency-changes** **default log-adjacency-changes** **Parameters** • ***INFO_LEVEL*** **Options include** — **<no parameter>** **Sends messages when a neighbor goes up or down.** — **detail** **Sends messages for all neighbor state changes.**
logging host	logging host	**Command Syntax** **logging** [***VRF_INSTANCE***] **host** *syslog_host* [***PORT***] [***PROT_TYPE***] **no logging** [***VRF_INSTANCE***] **host** *syslog_host* **default logging** [***VRF_INSTANCE***] **host** *syslog_host* **Parameters** • *VRF_INSTANCE* specifies the VRF instance being modified. — <no parameter> changes are made to the default VRF. — **vrf** *vrf_name* changes are made to the specified user-defined VRF. • *syslog_host* remote syslog server location. Valid formats include hostname or IPv4 address. • ***PORT*** Remote syslog server port that handles syslog traffic. Options include: — <no parameter> Default port number 514. — *<1* to *65535>* Port number. • ***PROT_TYPE*** Specifies the transport protocol for packets. Options include: — <no parameter> Packets transported by User Datagram Protocol (UDP). — **protocol tcp** Packets transported by TCP. — **protocol udp** Packets transported by User Datagram Protocol (UDP).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
mac access-group	mac access-group	**Command Syntax** **mac access-group** *list_name* ***DIRECTION*** **no mac access-group** *list_name* ***DIRECTION*** **default mac access-group** *list_name* ***DIRECTION*** **Parameters** • *list_name* name of MAC ACL. • ***DIRECTION*** transmission direction of packets, relative to interface. Valid options include: — **in** inbound packets. — **out** outbound packets.
mac access-list	mac access-list	**Command Syntax** **mac access-list** *list_name* **no mac access-list** *list_name* **default mac access-list** *list_name* **Parameters** • *list_name* Name of MAC ACL. Names must begin with an alphabetic character and cannot contain a space or quotation mark.
mac address-table aging-time	mac address-table aging-time	**Command Syntax** **mac-address-table aging-time** *period* **no mac-address-table aging-time** **default mac-address-table aging-time** **Parameters** • *period* MAC address table aging time. Default is 300 seconds. Options include: — **0** disables deletion of table entries on the basis of aging time. — **10** through **1000000** (one million) aging period (seconds).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
mac address-table static	mac address-table static	**Command Syntax** **mac address-table static** *mac_address* **vlan** *v_num* ***DESTINATION*** **no mac address-table static** *mac_address* **vlan** *v_num* [***DESTINATION***] **default mac address-table static** *mac_address* **vlan** *v_num* [***DESTINATION***] **Parameters** • *mac_address* Table entry's MAC address (dotted hex notation – H.H.H). • *v_num* Table entry's VLAN. • ***DESTINATION*** Table entry's port list. For multicast MAC address entries, the command may contain multiple ports, listed in any order. The CLI accepts only one interface for unicast entries. — **drop** creates drop entry in table. Valid only for unicast addresses. — **interface ethernet** *e_range* Ethernet interfaces specified by *e_range*. — **interface port-channel** *p_range* Port channel interfaces specified by *p_range*. — <no parameter> Valid for **no** and **default** commands that remove multiple table entries. *e_range* and *p_range* formats include number, range, comma-delimited list of numbers and ranges.
mac-address	mac-address	**Command Syntax** **mac-address** *address* **no mac-address** **default mac-address** **Parameters** • *address* MAC address assigned to the interface. Format is dotted hex notation (H.H.H). Disallowed addresses are 0.0.0 and FFFF.FFFF.FFFF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
maximum-paths	maximum-paths (OSPF)	**Command Syntax** **maximum-paths** *paths* **no maximum-paths** **default maximum-paths** **Parameters** • *paths* maximum number of parallel routes. Value ranges from 1 to the number of interfaces available per ECMP group, which is platform dependent. Arad: Value ranges from 1 to 128. Default value is 128. FM6000: Value ranges from 1 to 32. Default value is 32. PetraA: Value ranges from 1 to 16. Default value is 16. Trident: Value ranges from 1 to 32. Default value is 32. Trident-II: Value ranges from 1 to 128. Default value is 128.
maximum-paths (OSPFv3)	maximum-paths (OSPFv3)	**Command Syntax** **maximum-paths** *paths* **no maximum-paths** **default maximum-paths** **Parameters** • *paths* Value range is platform dependent: Arad: Value ranges from 1 to 128. Default value is 128. FM6000: Value ranges from 1 to 32. Default value is 32. PetraA: Value ranges from 1 to 16. Default value is 16. Trident: Value ranges from 1 to 32. Default value is 32. Trident-II: Value ranges from 1 to 128. Default value is 128.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

neighbor activate	neighbor activate	**Command Syntax**
		`neighbor NEIGHBOR_ID activate`
		`no neighbor NEIGHBOR_ID activate`
		`default neighbor NEIGHBOR_ID activate`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.

neighbor allowas-in	neighbor allowas-in	**Command Syntax**
		`neighbor NEIGHBOR_ID allowas-in [asn_quantity]`
		`no neighbor NEIGHBOR_ID allowas-in`
		`default neighbor NEIGHBOR_ID allowas-in`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.
		• *asn_quantity* Number of switches (ASN) allowed in path. Values range from 1 to 10. Default is 3.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor default-originate	neighbor default-originate	**Command Syntax** **neighbor *NEIGHBOR_ID* default-originate [*MAP*]** **no neighbor *NEIGHBOR_ID* default-originate** **default neighbor *NEIGHBOR_ID* default-originate** **Parameters** • *NEIGHBOR_ID* IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *MAP* specifies route map that modifies attributes of the exported default route. Options include: — <no parameter> attributes are not modified by a route map. — **route-map** *map_name* attributes set by specified route map are assigned to the exported default route.
neighbor description	neighbor description	**Command Syntax** **neighbor *NEIGHBOR_ID* description** *description_string* **no neighbor *NEIGHBOR_ID* description** **default neighbor *NEIGHBOR_ID* description** **Parameters** • *NEIGHBOR_ID* IP address or peer group name. Options include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *description_string* text string to be associated with the neighbor or peer group.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor ebgp-multihop	neighbor ebgp-multihop	**Command Syntax** **neighbor *NEIGHBOR_ID* ebgp-multihop** [*hop_number*] **no neighbor *NEIGHBOR_ID* ebgp-multihop** **default neighbor *NEIGHBOR_ID* ebgp-multihop** **Parameters** • *NEIGHBOR_ID* IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *hop_number* time-to-live (hops). Values range from 1 to 255. Default value is 255.
neighbor fall-over bfd	neighbor fall-over bfd	**Command Syntax** **neighbor *NEIGHBOR_ID* fall-over bfd** **no neighbor *NEIGHBOR_ID* fall-over bfd** **default neighbor *NEIGHBOR_ID* fall-over bfd** **Parameters** • *NEIGHBOR_ID* IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor local-as	neighbor local-as	**Command Syntax** **neighbor *NEIGHBOR_ID* local-as** *as_id* **no-prepend replace-as** **no neighbor** *NEIGHBOR_ID* **local-as** **default neighbor** *NEIGHBOR_ID* **local-as** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *as_id* AS number that is prepended to the AS_PATH attribute. Values range from 1 to 4294967295. This parameter cannot be set to AS numbers from the local BGP routing process or the network of the remote peer.
neighbor next-hop-self	neighbor next-hop-self	**Command Syntax** **neighbor *NEIGHBOR_ID* next-hop-self** **no neighbor *NEIGHBOR_ID* next-hop-self** **default neighbor *NEIGHBOR_ID* next-hop-self** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor password	neighbor password	**Command Syntax** **neighbor *NEIGHBOR_ID* password** [***ENCRYPT_LEVEL***] *key_text* **no neighbor *NEIGHBOR_ID* password** **default neighbor *NEIGHBOR_ID* password** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • ***ENCRYPT_LEVEL*** the encryption level of the *key_text* parameter. Values include: — <no parameter> indicates the *key_text* is in clear text. — **0** indicates *key_text* is in clear text. Equivalent to the <no parameter> case. — **7** indicates *key_text* is md5 encrypted. • *key_text* the password.
neighbor peer-group (assigning members)	neighbor peer-group (neighbor assignment)	**Command Syntax** **neighbor *NEIGHBOR_ADDR* peer-group** *group_name* **no neighbor *NEIGHBOR_ADDR* peer-group** **default neighbor *NEIGHBOR_ADDR* peer-group** **Parameters** • ***NEIGHBOR_ADDR*** Address of a neighbor being added to peer group. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. • *group_name* peer group name.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor peer-group (creating)	neighbor peer-group (create)	**Command Syntax** **neighbor** *group_name* **peer-group** **no neighbor** *group_name* **peer-group** **default neighbor** *group_name* **peer-group** **Parameters** • *group_name* peer group name.
neighbor remote-as	neighbor remote-as	**Command Syntax** **neighbor** ***NEIGHBOR_ID*** **remote-as** *as_id* **no neighbor** ***NEIGHBOR_ID*** **remote-as** **default neighbor** ***NEIGHBOR_ID*** **remote-as** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *as_id* Autonomous system (AS) of the peer. Values range from 1 to 4294967295.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor remove-private-as	neighbor remove-private-as	**Command Syntax** **neighbor *NEIGHBOR_ID* remove-private-as [*REMOVAL*]** **no neighbor *NEIGHBOR_ID* remove-private-as** **default neighbor *NEIGHBOR_ID* remove-private-as** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • ***REMOVAL*** Specifies removal of private autonomous AS number when path includes both private and public numbers. Values include: — <no parameter> private AS numbers is not removed. — *all* removes all private AS numbers from AS path in outbound updates. — *all replace-as* all private AS numbers in AS path are replaced with router's local AS number.
neighbor route-map	neighbor route-map (BGP)	**Command Syntax** **neighbor *NEIGHBOR_ID* route-map *map_name* *DIRECTION*** **no neighbor *NEIGHBOR_ID* route-map *map_name* *DIRECTION*** **default neighbor *NEIGHBOR_ID* route-map *map_name* *DIRECTION*** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *map_name* name of a route map. • ***DIRECTION*** routes to which the route map is applied. Options include: — **in** route map is applied to inbound routes. — **out** route map is applied to outbound routes.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor route-reflector-client	neighbor route-reflector-client	**Command Syntax** **neighbor** *NEIGHBOR_ID* **route-reflector-client** **no neighbor** *NEIGHBOR_ID* **route-reflector-client** **default neighbor** *NEIGHBOR_ID* **route-reflector-client** **Parameters** • ***NEIGHBOR_ID*** IP address of neighbor. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.
neighbor send-community	neighbor send-community	**Command Syntax** **neighbor** *NEIGHBOR_ID* **send-community** **no neighbor** *NEIGHBOR_ID* **send-community** **default neighbor** *NEIGHBOR_ID* **send-community** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

neighbor shutdown	neighbor shutdown	**Command Syntax**
		`neighbor NEIGHBOR_ID shutdown`
		`no neighbor NEIGHBOR_ID shutdown`
		`default neighbor NEIGHBOR_ID shutdown`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.

neighbor soft-reconfiguration	neighbor soft-reconfiguration	**Command Syntax**
		`neighbor NEIGHBOR_ID soft-configuration inbound [SCOPE]`
		`no neighbor NEIGHBOR_ID soft-configuration inbound`
		`default neighbor NEIGHBOR_ID soft-configuration inbound`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.
		• *SCOPE* determines how routes including the switch's AS number are handled. Values include:
		— <no parameter> routes including the switch's AS number are discarded.
		— **all** routes including the switch's AS number are retained.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor timers	neighbor timers	**Command Syntax** **neighbor *NEIGHBOR_ID* timers** *keep_alive hold_time* **no neighbor *NEIGHBOR_ID* timers** **default neighbor *NEIGHBOR_ID* timers** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *keep_alive* keepalive period, in seconds. Values include — **0** keepalive messages are not sent — **1** to **3600** keepalive time (seconds). • *hold_time* hold time. Values include — **0** peering is not disabled by timeout expiry; keepalive packets are not sent. — **3** to **7200** hold time (seconds).
neighbor transport connection-mode	neighbor transport connection-mode	**Command Syntax** **neighbor** *NEIGHBOR_ID* **transport connection-mode passive** **no neighbor** *NEIGHBOR_ID* **transport connection-mode** **default neighbor** *NEIGHBOR_ID* **transport connection-mode** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor update-source	neighbor update-source	**Command Syntax** **neighbor *NEIGHBOR_ID* update-source *INTERFACE*** **no neighbor *NEIGHBOR_ID* update-source** **default neighbor *NEIGHBOR_ID* update-source** **Parameters** • *NEIGHBOR_ID* IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *INTERFACE* Interface type and number. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* loopback interface specified by *l_num*. — **management** *m_num* management interface specified by *m_num*. — **port-channel** *p_num* port channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*.
neighbor weight	neighbor weight	**Command Syntax** **neighbor *NEIGHBOR_ID* weight** *weight_value* **no neighbor *NEIGHBOR_ID* weight** **default neighbor *NEIGHBOR_ID* weight** **Parameters** • *NEIGHBOR_ID* IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *weight_value* weight value. Values range from 1 to 65535.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
network area	network area (OSPFv2)	**Command Syntax** **network** *ipv4_subnet* **area** *area_id* **no network** *ipv4_subnet* **area** *area_id* **default network** *ipv4_subnet* **area** *area_id* **Parameters** • *ipv4_subnet* IPv4 subnet. Entry formats include address-prefix (CIDR) or address-wildcard mask. ***running-config*** stores value in CIDR notation. • *area_id* area number. <0 to **4294967295**> or <**0.0.0.0** to **255.255.255.255**> ***Running-config*** stores value in dotted decimal notation.
no snmp-server	no snmp-server	**Command Syntax** **no snmp-server** **default snmp-server**
ntp authenticate	ntp authenticate	**Command Syntax** **ntp authenticate** **no ntp authenticate** **default ntp authenticate**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ntp authentication-key	ntp authentication-key	**Command Syntax** **ntp authentication-key** *key_id* ***ENCRYPT_TYPE*** *password_text* **no ntp authentication-key** *key_id* **default ntp authentication-key** *key_id* **Parameters** • *key_id* key ID number. Value ranges from 1 to 65534. • ***ENCRYPT_TYPE*** encryption method. Values include: — **md5** *key_text* is MD5 encrypted. — **sha1** *key_text* is SHA-1 encrypted. • *password_text* the authentication-key password.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ntp server	ntp server	**Command Syntax** **ntp server** [*VRF_INSTANCE*] *SERVER_NAME* [*PREFERENCE*] [*NTP_VERSION*] [*IP_SOURCE*] [**burst**] [**iburst**] [*AUTH_KEY*] [*MAX_POLL_INT*] [*MIN_POLL_INT*] **no ntp** [**server** [*VRF_INSTANCE*] *SERVER_NAME*] **default ntp** [**server** [*VRF_INSTANCE*] *SERVER_NAME*] All parameters except *VRF_INSTANCE* and *SERVER_NAME* can be placed in any order. **Parameters** • *VRF_INSTANCE* the VRF instance to be used for connection to the specified server. — <no parameter> connects using the default VRF. — **vrf** *vrf_name* connects using the specified user-defined VRF. • *SERVER_NAME* NTP server location. Options include: — *IP address* in dotted decimal notation — an FQDN host name • *PREFERENCE* indicates priority of this server when the switch selects a synchronizing server. — <no parameter> server has no special priority. — **prefer** server has priority when the switch selects a synchronizing server. • *NTP_VERSION* specifies the NTP version. Settings include: — <no parameter> sets NTP version to 4 (default). — **version** *number*, where *number* ranges from 1 to 4. • *IP_SOURCE* specifies the source interface for NTP updates for the specified NTP server. This option overrides global settings created by the **ntp source** command. Options include: — <no parameter> sets the source interface to the global default. — **source ethernet** *e_num* Ethernet interface specified by *e_num*. — **source loopback** *l_num* loopback interface specified by *l_num*. — **source management** *m_num* management interface specified by *m_num*. — **source port-channel** *p_num* port-channel interface specified by *p_num*. — **source vlan** *v_num* VLAN interface specified by *v_num*. • **burst** indicates that when the NTP server is reached, the switch sends packets to the server in bursts of eight instead of the usual one. Recommended only for local servers. Off by default.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• **iburst** indicates that the switch sends packets to the server in bursts of eight instead of the usual one until the server is reached. Recommended for general use to speed synchronization. Off by default. • ***AUTH_KEY*** the authentication key to use in authenticating NTP packets from the server. — <no parameter> no authentication key is specified. — **key <1 to 65534>** switch will use the specified key to authenticate NTP packets from the server. • ***MAX_POLL_INT*** specifies the maximum polling interval for the server (as the base-2 logarithm of the interval in seconds). Settings include: — <no parameter> sets the maximum polling interval to 10 (1,024 seconds, the default). — **maxpoll** *number*, where *number* is the base-2 logarithm of the interval in seconds. Values range from 3 (8 seconds) to 17 (131,072 seconds, approximately 36 hours). • ***MIN_POLL_INT*** specifies the minimum polling interval for the server (as the base-2 logarithm of the interval in seconds). Settings include: — <no parameter> sets the minimum polling interval to 6 (64 seconds, the default). — **minpoll** *number* where *number* is the base-2 logarithm of the interval in seconds. Values range from 3 (8 seconds) to 17 (131,072 seconds, approximately 36 hours).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ntp source	ntp source	**Command Syntax**
		`ntp source [VRF_INSTANCE] INT_PORT`
		`no ntp source`
		`default ntp source`
		Parameters
		• *VRF_INSTANCE* the VRF instance to be used for connection to the specified server.
		— <no parameter> connects using the default VRF.
		— **vrf** *vrf_name* connects using the specified user-defined VRF.
		• *INT_PORT* the interface port that specifies the NTP source. Settings include:
		— **ethernet** *e_range* Ethernet interface list.
		— **loopback** *l_range* loopback interface list.
		— **management** *m_range* management interface list.
		— **port-channel** *c_range* port channel interface list.
		— **vlan** *v_range* VLAN interface list.

ntp trusted-key	ntp trusted-key	**Command Syntax**
		`ntp trusted-key key_list`
		`no ntp trusted-key`
		`default ntp trusted-key`
		Parameters
		• *key_list* specified one or more keys. Formats include a number (1 to 65534), number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

passive-interface	passive-interface <interface> (OSPFv2)	**Command Syntax**
		`passive-interface INTERFACE_NAME`
		`no passive-interface INTERFACE_NAME`
		`default passive-interface INTERFACE_NAME`
		Parameters
		• *INTERFACE_NAME* interface to be configured. Options include:
		— **ethernet** *e_range*
		— **port-channel** *p_range*
		— **vlan** *v_range*
		— **vxlan** *vx_range*

passive-interface (OSPFv3)	passive-interface (OSPFv3)	**Command Syntax**
		`passive-interface INTERFACE_NAME`
		`no passive-interface INTERFACE_NAME`
		`default passive-interface INTERFACE_NAME`
		Parameters
		• *INTERFACE_NAME* Options include:
		— **ethernet** *e_range*
		— **loopback** *l_range*
		— **management** *m_range*
		— **port-channel** *p_range*
		— **vlan** *v_range*
		— **vxlan** *vx_range*
		— **default**
		Valid *e_range*, *l_range*, *m_range*, *p_range v_range*, and *vx_range* formats include number, range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
passive-interface default	passive-interface default (OSPFv2)	**Command Syntax** **`passive-interface default`** **`no passive-interface default`** **`default passive-interface default`**
policy-map type control-plane	policy-map type control-plane	**Command Syntax** **`policy-map type control-plane copp-system-policy`** **`no policy-map type control-plane copp-system-policy`** **`default policy-map type control-plane copp-system-policy`** **copp-system-policy** is supplied with the switch and is the only valid control plane policy map.
policy-map type qos	policy-map type qos	**Command Syntax** **`policy-map [type qos]`** *`map_name`* **`no policy-map [type qos]`** *`map_name`* **`default policy-map [type qos]`** *`map_name`* **policy-map** *map_name* and **policy-map type qos** *map_name* are identical commands. **Parameters** • *map_name* Name of policy map.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
port-channel load-balance	port-channel load-balance	**Command Syntax** **port-channel load-balance** *platform* { *hash_seed* | **fields ip** *fields* | **hash** *hash_function* } **no port-channel load-balance** *platform* [*hash_seed*] **default port-channel load-balance** *platform* [*hash_seed*] **Parameters** **er** Use the MAC hash. — **outer-mac** Use the outer MAC of source and destination in the hash.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		— **source-ip** Use the layer 3 IP source address in the hash. — **src-ip** Use the source IP address in the hash. — **source-port** Use layer 4 TCP/UDP source port in the hash. — **src-mac** Use the source payload MAC in the hash (or the source MAC address in the MAC hash). • *hash_function* Specifies the hash polynomial function. Values range from 0-2.
port-channel min-links	port-channel min-links	**Command Syntax** **port-channel min-links** *quantity* **no port-channel min-links** **default port-channel min-links** **Parameters** • *quantity* minimum number of interfaces. Value range varies by platform. Default value is 0.
priority1	ptp priority1	**Command Syntax** **ptp priority1** *priority_rate* **no ptp priority1** **default ptp priority1** **Parameters** • *priority_rate* Value ranges from 0 to 255. Default is 128.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
priority2	ptp priority2	**Command Syntax** **ptp priority2** *priority_rate* **no ptp priority2** **default ptp priority2** **Parameters** • *priority_rate* Specifies the priority 2 level for the PTP clock. Value ranges from 0 to 255; default value is 128.
priority-flow-control mode	priority-flow-control mode	**Command Syntax** **priority-flow-control mode on** **no priority-flow-control mode [on]** **default priority-flow-control mode [on]**
private-vlan	private-vlan	**Command Syntax** **private-vlan [*VLAN_TYPE*] primary vlan** *v_num* **no private-vlan** **default private-vlan** **Parameters** • *VLAN_TYPE* private VLAN type. Options include: — **community** community private VLAN. — **isolated** isolated private VLAN. • *v_num* VLAN ID of primary VLAN to which the configuration mode VLAN is bound.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
private-vlan mapping	private-vlan mapping	**Command Syntax** **`private-vlan mapping EDIT_ACTION`** **`no private-vlan mapping`** **`default private-vlan mapping`** **Parameters** • *EDIT_ACTION* modifications to the VLAN list. — *v_range* Creates VLAN list from *v_range*. — **add** *v_range* Adds specified VLANs to current list. — **except** *v_range* VLAN list contains all VLANs except those specified. Valid *v_range* formats include number, range, or comma-delimited list of numbers and ranges.
ptp domain	ptp domain	**Command Syntax** **`ptp domain`** *`domain_number`* **`no ptp domain`** **`default ptp domain`** **Parameters** • *domain_number* Value ranges from 0 to 255.
ptp sync interval	ptp sync interval	**Command Syntax** **`ptp sync interval`** *`log_interval`* **`no ptp sync interval`** **`default ptp sync interval`** **Parameters** • *log_interval* The interval between PTP synchronization messages sent from the master to the slave (base 2 log(seconds)). Values range from -1 to 3; default value is 0 (1 second).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server deadtime	radius-server deadtime	**Command Syntax** **radius-server deadtime** *dead_interval* **no radius-server deadtime** **default radius-server deadtime** **Parameters** • *dead_interval* period that the switch ignores non-responsive servers (minutes). Value ranges from 1 to 1000. Default is 3.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server host	radius-server host	**Command Syntax** **`radius-server host ADDR [VRF_INST] [AUTH] [ACCT] [TIMEOUT] [DEAD] [RETRAN] [ENCRYPT]`** **`no radius-server host [ADDR] [VRF_INST] [AUTH] [ACCT]`** **`default radius-server host [ADDR] [VRF_INST] [AUTH] [ACCT]`** **Parameters** • ***ADDR*** RADIUS server location. Options include: — *ipv4_addr* server's IPv4 address. — *host_name* server's DNS host name (FQDN). • ***VRF_INST*** specifies the VRF instance used to communicate with the specified server. — <no parameter> switch communicates with the server using the default VRF. — **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF. • ***AUTH*** Authorization port number. — <no parameter> default port of 1812. — **auth-port** *number* *number* ranges from 1 to 65535. • ***ACCT*** Accounting port number. — <no parameter> default port of 1813. — **acct-port** *number* *number* ranges from 1 to 65535. • ***TIMEOUT*** timeout period (seconds). Ranges from 1 to 1000. — <no parameter> assigns global timeout value (see **radius-server timeout**). — **timeout** *number* assigns *number* as the timeout period. Ranges from 1 to 1000. • ***DEAD*** period (minutes) when the switch ignores a non-responsive RADIUS server. — <no parameter> assigns global deadtime value (see **radius-server deadtime**). — **deadtime** *number* specifies deadtime, where *number* ranges from 1 to 1000. • ***RETRAN*** attempts to access RADIUS server after the first timeout expiry. — <no parameter> assigns global retransmit value (see **radius-server retransmit**). — **retransmit** *number* specifies number of attempts, where *number* ranges from 1 to 100. • ***ENCRYPT*** encryption key that switch and server use to communicate. — <no parameter> assigns global encryption key (see **radius-server key**). — **key** *key_text* where *key_text* is in clear text. — **key 5** *key_text* where *key_text* is in clear text. — **key 7** *key_text* where *key_text* is provide in an encrypted string.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server key	radius-server key	**Command Syntax** **`radius-server key`** [***`ENCRYPT_TYPE`***] *`encrypt_key`* **`no radius-server key`** **`default radius-server key`** **Parameters** • ***ENCRYPT_TYPE*** encryption level of *encrypt_key*. — <no parameter> encryption key is entered as clear text. — **0** encryption key is entered as clear text. Equivalent to <no parameter>. — **7** *encrypt_key* is an encrypted string. • *encrypt_key* shared key that authenticates the username. — *encrypt_key* must be in clear text if ***ENCRYPT_TYPE*** specifies clear text. — *encrypt_key* must be an encrypted string if ***ENCRYPT_TYPE*** specifies an encrypted string. Encrypted strings entered through this parameter are generated elsewhere.
radius-server retransmit	radius-server retransmit	**Command Syntax** **`radius-server retransmit`** *`count`* **`no radius-server retransmit`** **`default radius-server retransmit`** **Parameters** • *count* retransmit attempts after first timeout expiry. Settings range from 1 to 100. Default is 3.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server timeout	radius-server timeout	**Command Syntax** **radius-server timeout** *time_period* **no radius-server timeout** **default radius-server timeout** **Parameters** • *time_period* timeout period (seconds). Range from 1 to 1000. Default is 5.
redundancy force-switchover	redundancy force-switchover	**Command Syntax** **redundancy force-switchover**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
route-map	route-map	**Command Syntax** **route-map** *map_name* [***FILTER_TYPE***] [*sequence_number*] **no route-map** *map_name* [***FILTER_TYPE***] [*sequence_number*] **default route-map** *map_name* [***FILTER_TYPE***] [*sequence_number*] **Parameters** • *map_name* label assigned to route map. Protocols reference this label to access the route map. • ***FILTER_TYPE*** disposition of routes matching conditions specified by route map clause. — **permit** routes are redistributed when they match route map clause. — **deny** routes are not redistributed when they match route map clause. — <No parameter> assigns **permit** as the ***FILTER_TYPE***. When a route does not match the route map criteria, the next clause within the route map is evaluated to determine the redistribution action for the route. • *sequence_number* the route map position relative to other clauses with the same name. — <no parameter> sequence number of 10 (default) is assigned to the route map. — <1-16777215> specifies sequence number assigned to route map.
router bgp	router bgp	**Command Syntax** **router bgp** *as_id* **no router bgp** **default router bgp** **Parameters** • *as_id* Autonomous system (AS) number. Values range from 1 to 4294967295.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
router isis	router isis	**Command Syntax** **router isis** *instance_name* [***VRF_INSTANCE***] **no router isis** *instance_name* **default router isis** *instance_name* **Parameters** • *instance_name* routing instance. • *VRF_INSTANCE* — <no parameter> — **vrf** *vrf_name*
router ospf	router ospf	**Command Syntax** **router ospf** *process_id* [***VRF_INSTANCE***] **no router ospf** *process_id* [***VRF_INSTANCE***] **default router ospf** *process_id* [***VRF_INSTANCE***] **Parameters** • *process_id* OSPFv2 process ID. Values range from 1 to 65535. • *VRF_INSTANCE* — <no parameter> — **vrf** *vrf_name*
router rip	router rip	**Command Syntax** **router rip** **no router rip** **default router rip**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
router-id	router-id (OSPFv2)	**Command Syntax** **router-id** *identifier* **no router-id** [*identifier*] **default router-id** [*identifier*] **Parameters** • *identifier* Value ranges from 0.0.0.0 to 255.255.255.255.
router-id (OSPFv3)	router-id (OSPFv3)	**Command Syntax** **router-id** *identifier* **no router-id** **default router-id** **Parameters** • *identifier* Value ranges from 0.0.0.0 to 255.255.255.255 (dotted decimal notation).
routing-context vrf	routing-context vrf	**Command Syntax** **routing-context vrf** [***VRF_ID***] **Parameters** • ***VRF_ID*** Name of VRF assigned as the current VRF scope. Options include: — *vrf_name* Name of user-defined VRF. — **default** System-default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

service sequence-numbers	service sequence-numbers	**Command Syntax**
		`service sequence-numbers`
		`no service sequence-numbers`
		`default service sequence-numbers`

set-overload-bit	set-overload-bit	**Command Syntax** **`set-overload-bit`** ***`TIMING`*** **`no set-overload-bit`** **`default set-overload-bit`** **Parameters** • *TIMING* Options include: — <no parameter> — **on-startup** <*1* to *3600*>
show aaa method-lists	show aaa method-lists	**Command Syntax** **`show aaa method-lists`** ***`SERVICE_TYPE`*** **Parameters** • *SERVICE_TYPE* the service type of the method lists that the command displays. — **accounting** accounting services. — **authentication** authentication services. — **authorization** authorization services. — **all** accounting, authentication, and authorization services.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show aaa sessions	show aaa sessions	**Command Syntax** `show aaa sessions`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show arp	show arp	**Command Syntax** **show arp** [***VRF_INST***] [***FORMAT***] [***HOST_ADD***] [***HOST_NAME***] [***INTF***] [***MAC_ADDR***] [***DATA***] **Parameters** The *VRF_INST* and *FORMAT* parameters are always listed first and second. The *DATA* parameter is always listed last. All other parameters can be placed in any order. • ***VRF_INST*** specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**. • ***FORMAT*** Display format of host address. Options include: — <no parameter> entries associate hardware address with an IPv4 address. — **resolve** entry associate hardware address with a host name (if it exists). • ***HOST_ADD*** IPv4 address by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host address. — *ipv4_addr* table entries matching specified IPv4 address. • ***HOST_NAME*** Host name by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host name. — **host** *hostname* entries matching *hostname* (text). • ***INTF*** interfaces for which command displays status. — <no parameter> Routing table entries are not filtered by interface. — **interface ethernet** *e_num* Routed Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Routed loopback interface specified by *l_num*. — **interface management** *m_num* Routed management interface specified by *m_num*. — **interface port-channel** *p_num* Routed port channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*. — **interface vxlan** *vx_num* VXLAN interface specified by *vx_num*. • ***MAC_ADDR*** MAC address by which routing table entries are filtered. Options include: — <no parameter> Routing table entries are not filtered by interface MAC address. — **mac_address** *mac_address* entries matching *mac_address* (dotted hex notation – H.H.H). • ***DATA*** Detail of information provided by command. Options include: — <no parameter> Routing table entries. — **summary** Summary of ARP table entries. — **summary total** Number of ARP table entries.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show bfd neighbors	show bfd neighbors	**Command Syntax** `show bfd neighbors [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* amount of information that is displayed. Options include: — <no parameter> command displays data block for each specified interface. — **detail** command displays table that summarizes interface data. **Display Values** • **DstAddr** IP address of the BFD neighbor. • **MyDisc** Local discriminator value of the BFD session. • **YoDisc** Neighbor's discriminator value for the BFD session. • **If** Interface to which the neighbor is connected. • **LUp** Last up. • **LDown** Last down. • **Ldiag** Diagnostic for the last change in session state. • **State** State of the BFD session. • **TxInt** Transmit interval of the local interface. • **RxInt** Minimum receive interval set on the local interface. • **Multiplier** Local multiplier (number of packets that must be missed to declare session down). • **Received RxInt** Minimum receive interval set on the neighbor interface. • **Received Multiplier** Neighbor's multiplier (number of packets that must be missed to declare session down). • **Rx Count** BFD control packets transmitted. • **Tx Count** BFD control packets received. • **Detect Time** Total time in milliseconds it takes for BFD to detect connection failure. • **Registered Protocols** Protocols using BFD with this neighbor.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show clock	show clock	**Command Syntax** `show clock`
show dot1q-tunnel	show dot1q-tunnel	**Command Syntax** `show dot1q-tunnel [INTERFACE]` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid *range* formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show dot1x	show dot1x	**Command Syntax** `show dot1x INTERFACE_NAME INFO` **Parameters** • *INTERFACE_NAME* Interface type and number. Options include: — **all** Display information for all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. • *INFO* Type of information the command displays. Values include: — <no parameter> displays summary of the specified interface. — **detail** displays all 802.1x information for the specified interface.
show dot1x all summary	show dot1x all summary	**Command Syntax** `show dot1x all summary`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show dot1x statistics	show dot1x statistics	**Command Syntax** `show dot1x INTERFACE_NAME statistics` **Parameters** • *INTERFACE_NAME* Interface type and number. Options include: — **all** Display information for all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. **Output Fields** • RxStart Number of EAPOL-Start frames received on the port. • TxReqId Number of EAP-Request/Identity frames transmitted on the port. • RxVersion Version number of the last EAPOL frame received on the port. • RxLogoff Number of EAPOL-Logoff frames received on the port. • RxInvalid Number of invalid EAPOL frames received on the port. • TxReq Number of transmitted EAP-Request frames that were not EAP-Request/Identity. • LastRxSrcMAC The source MAC address in the last EAPOL frame received on the port. • RxRespId The number of EAP-Response/Identity frames received on the port • RxTotal The total number of EAPOL frames transmitted on the port. • TxTotal The total number of EAPOL frames transmitted on the port.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment all	show environment all	**Command Syntax** `show environment all`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment cooling	show environment cooling	**Command Syntax** `show environment cooling [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* specifies level of detail that the command displays. Options include: — <no parameter> displays the fan status, air flow direction, and ambient switch temperature. — **detail** also displays actual and configured fan speed of each fan. **Display Values** • **System cooling status:** — *Ok* no more than one fan has failed or is not inserted. — *Insufficient fans* more than one fan has failed or is not inserted. This status is also displayed if fans with different airflow directions are installed. The switch shuts down if the error is not resolved. • **Ambient temperature** temperature of the surrounding area. • **Airflow** indicates the direction of the installed fans: — *front-to-back* all fans flow air from the front to the rear of the chassis. — *back-to-front* all fans flow air from the rear to the front of the chassis. — *incompatible fans* fans with different airflow directions are inserted. — *Unknown* The switch is initializing. • **Fan Tray Status** table displays the status and operating speed of each fan. Status values indicate the following conditions: — *OK* The fan is operating normally. — *Failed* The fan is not operating normally. — *Unknown* The system is initializing. — *Not Inserted* The system is unable to detect the specified fan. — *Unsupported* The system detects a fan that the current software version does not support.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment power	show environment power	**Command Syntax** `show environment power [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* specifies level of detail that the command displays. Options include: — <no parameter> displays current and power levels for each supply. — **detail** also includes status codes that can report error conditions.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment temperature	show environment temperature	**Command Syntax** `show environment temperature [MODULE_NAME] [INFO_LEVEL]` **Parameters** • *MODULE_NAME* Specifies modules for which data is displayed. This parameter is only available on modular switches. Options include: — <no parameter> All modules (identical to **all** option). — **fabric** *fab_num* Specified fabric module. Number range varies with switch model. — **linecard** *line_num* Linecard module. Number range varies with switch model. — **supervisor** *super_num* Supervisor module. Number range varies with switch model. — *mod_num* Supervisor (1 to 2) or linecard (3 to 18) module. — **all** All modules. • *INFO_LEVEL* specifies level of detail that the command displays. Options include: — <no parameter> displays table that lists the temperature and thresholds of each sensor. — **detail** displays data block for each sensor listing the current temperature and historic data. **Display Values** • **System temperature status** is the first line that the command displays. Values report the following: — *Ok* All sensors report temperatures below the alert threshold. — *Overheating* At least one sensor reports a temperature above its alert threshold. — *Critical* At least one sensor reports a temperature above its critical threshold. — *Unknown* The switch is initializing. — *Sensor Failed* At least one sensor is not functioning.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show etherchannel	show etherchannel	**Command Syntax** `show etherchannel [MEMBERS] [PORT_LIST] [INFO_LEVEL]` **Parameters** • *MEMBERS* list of port channels for which information is displayed. Options include: — <no parameter> all configured port channels. — *p_range* ports in specified channel list (number, number range, or list of numbers and ranges). • *PORT_LEVEL* ports displayed, in terms of aggregation status. Options include: — <no parameter> Displays information on ports that are active members of the LAG. — **active-ports** Displays information on ports that are active members of the LAG. — **all-ports** Displays information on all ports (active or inactive) configured for LAG. • *INFO_LEVEL* amount of information that is displayed. Options include: — <no parameter> Displays information at the brief level. — **brief** Displays information at the brief level. — **detailed** Displays information at the detail level. **Display Values** • **Port Channel** Type and name of the port channel. • **Time became active** Time when the port channel came up. • **Protocol** Protocol operating on the port. • **Mode** Status of the Ethernet interface on the port. The status value is Active or Inactive. • **No active ports** Number of active ports on the port channel. • **Configured but inactive ports** Ports configured but that are not actively up. • **Reason unconfigured** Reason why the port is not part of the LAG.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show hostname	show hostname	**Command Syntax** `show hostname`
show hosts	show hosts	**Command Syntax** `show hosts`
show interfaces	show interfaces	**Command Syntax** `show interfaces [INT_NAME]` **Parameters** • *INT_NAME* Interface type and numbers. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid range formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces capabilities	show interfaces capabilities	**Command Syntax** `show interfaces [INTERFACE] capabilities` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. Valid *e_range* and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges.
show interfaces description	show interfaces description	**Command Syntax** `show interfaces [INT_NAME] description` **Parameters** • *INT_NAME* Interface type and labels. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Range formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

show interfaces flowcontrol	show flowcontrol	**Command Syntax**
		`show flowcontrol [INTERFACE]`
		`show [INTERFACE] flowcontrol`
		Parameters
		• *INTERFACE* Interface type and number for which flow control data is displayed.
		— <no parameter> all interfaces.
		— **ethernet** *e_range* Ethernet interfaces in the specified range.
		— **management** *m_range* Management interfaces in the specified range.
		Valid *e_range* and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges.

show interfaces private-vlan mapping	show interfaces private-vlan mapping	**Command Syntax** `show interfaces [INT_NAME] private-vlan mapping` **Parameters** • *INT_NAME* Interface type and labels. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid range formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces status	show interfaces status	**Command Syntax** **`show interfaces`** `[`***`INTERFACE`***`]` **`status`** `[`***`STATUS_TYPE`***`]` **Parameters** • ***INTERFACE*** Interface type and numbers. Options include: — <no parameter> All existing interfaces. — **ethernet** *e_range* Ethernet interfaces in the specified range. — **management** *m_range* Management interfaces in the specified range. — **port-channel** *p_range* All existing port-channel interfaces in the specified range. Valid *e_range*, *m_range*, and *p_range* formats include number, number range, or comma-delimited list of numbers and ranges. • ***STATUS_TYPE*** interface status upon which the command filters output. Options include: — <no parameter> command does not filter on interface status. — **connected** interfaces connected to another port. — **notconnect** unconnected interfaces that are capable of connecting to another port. — **disabled** interfaces that have been powered down or disabled. Command may include multiple status types (**connected notconnect disabled**), which can be placed in any order.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces switchport	show interfaces switchport	**Command Syntax** **`show interfaces [INTERFACE] switchport`** **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. Valid *e_range*, *l_range*, *m_range*, *p_range*, and *v_range* formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces switchport backup	show interfaces switchport backup	**Command Syntax** `show interfaces [INTERFACE] switchport backup` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. Valid *e_range*, *l_range*, *m_range*, *p_range*, and *v_range* formats include number, number range, or comma-delimited list of numbers and ranges. **Display Values** • **State** Operational status of the interface. Values include: — ***Up*** Spanning tree mode is *backup*, interface status is ***up***. — ***Down*** Spanning tree mode is ***backup***, interface status is ***down***. — ***Inactive Configuration*** The spanning tree mode is not ***backup***. • **Forwarding vlans** VLANs forwarded by the interface. Depends on interface operation status and prefer option specified by the **switchport backup** command.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces transceiver	show interfaces transceiver	**Command Syntax** `show interfaces [INTERFACE] transceiver [DATA_FORMAT]` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. Valid *e_range*, and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges. • *DATA_FORMAT* format used to display the data. Options include: — <no parameter> table entries separated by tabs. — **csv** table entries separated by commas.
show interfaces trunk	show interfaces trunk	**Command Syntax** `show interfaces [INTERFACE] trunk` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. Valid *e_range*, *m_range*, and *p_range* formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show inventory	show inventory	**Command Syntax** `show inventory`
show ip access-lists	show ip access-lists	**Command Syntax** `show ip access-list [LIST] [SCOPE]` **Parameters** • *LIST* name of lists to be displayed. Selection options include: — <no parameter> all IPv4 ACLs are displayed. — *list_name* specified IPv4 ACL is displayed. • *SCOPE* information displayed. Selection options include: — <no parameter> all rules in the specified lists are displayed. — **summary** the number of rules in the specified lists are displayed.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip arp	show ip arp	**Command Syntax** **show ip arp** [***VRF_INST***] [***FORMAT***] [***HOST_ADD***] [***HOST_NAME***] [***INTF***] [***MAC_ADDR***] [***DATA***] **Parameters** The ***VRF_INST*** and ***FORMAT*** parameters are always listed first and second. The ***DATA*** parameter is always listed last. All other parameters can be placed in any order. • ***VRF_INST*** specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**. • ***FORMAT*** Display format of host address. Options include: — <no parameter> entries associate hardware address with an IPv4 address. — **resolve** entry associate hardware address with a host name (if it exists). • ***HOST_ADDR*** IPv4 address by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host address. — *ipv4_addr* table entries matching specified IPv4 address. • ***HOST_NAME*** Host name by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host name. — **host** *hostname* entries matching *hostname* (text). • ***INTERFACE_NAME*** interfaces for which command displays status. — <no parameter> Routing table entries are not filtered by interface. — **interface ethernet** *e_num* Routed Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Routed loopback interface specified by *l_num*. — **interface management** *m_num* Routed management interface specified by *m_num*. — **interface port-channel** *p_num* Routed port channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*. — **interface vxlan** *vx_num* VXLAN interface specified by *vx_num*. • ***MAC_ADDR*** MAC address by which routing table entries are filtered. Options include: — <no parameter> Routing table entries are not filtered by interface MAC address. — **mac_address** *mac_address* entries matching *mac_address* (dotted hex notation – H.H.H). • ***DATA*** Detail of information provided by command. Options include: — <no parameter> Routing table entries. — **summary** Summary of ARP table entries. — **summary total** Number of ARP table entries.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp	show ip bgp	**Command Syntax** **show ip bgp** [***FILTER***] [***VRF_INSTANCE***] **Parameters** • ***FILTER*** routing table entries that the command displays. Values include: — <no parameter> displays all routing table entries. Tabular format. — **detail** displays all routing table entries. Data block format. — *ipv4_addr* IPv4 host address. Data block format. — *ipv4_subnet* IPv4 subnet address. (CIDR notation). Data block format. — *ipv4_subnet* **detail** IPv4 subnet address. (CIDR notation). Data block format. — *ipv4_subnet* **longer-prefixes** IPv4 subnet address. (CIDR notation). Tabular format. — *ipv4_subnet* **longer-prefixes detail** IPv4 subnet address. (CIDR notation). Data block format. • ***VRF_INSTANCE*** specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp community	show ip bgp community	**Command Syntax** **show ip bgp community** [***COMM_1 ... COMM_n***] [***MATCH_TYPE***] [***DATA_OPTION***] [***VRF_INSTANCE***] **Parameters** • *COMM_x* community number or name, as specified in the route map that sets the community list number. — *aa:nn* AS and network number, separated by colon. Each value ranges from 1 to 4294967295. — *comm_num* community number. Values range from 1 to 4294967040. — **internet** advertises route to Internet community. — **local-as** advertises route only to local peers. — **no-advertise** does not advertise the route to any peer. — **no-export** advertises route only within BGP AS boundary. • *MATCH_TYPE* Routes are filtered based on their communities. — <no parameter> routes must match at least one community in the list — **exact** route must match all communities and include no other communities. • *DATA_OPTION* Type of information the command displays. Values include: — <no parameter> Displays table of the routing entry line items. — **detail** Displays data block for each routing table entry. • *VRF_INSTANCE* specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp neighbors	show ip bgp neighbors (route type)	**Command Syntax** **show ip bgp neighbors** *neighbor_addr* ***HOPDIRECT*** [***FILTER***] [***VRF_INSTANCE***] **show ip bgp neighbors** *neighbor_addr* [***ROUTE_TYPE***] ***HOPDIRECT*** **show ip bgp neighbors** *neighbor_addr* [***ROUTE_TYPE***] ***HOPDIRECT*** **detail** **Related Command** **show ip bgp neighbors** **show ip bgp neighbors (route-type) community** **Parameters** • *neighbor_addr* location of the neighbor. • ***ROUTE_TYPE*** filters route on route type. Options include: — **ipv4 unicast** displays IPv4 unicast routes. — **ipv6 unicast** displays IPv6 unicast routes. • ***HOPDIRECT*** filters route on the basis of direction from neighbor. Options include: — **advertised-routes** displays routes advertised to the specified neighbor. — **received-routes** displays routes received from the specified neighbor (accepted and rejected). — **routes** displays routes received and accepted from specified neighbor. • ***FILTER*** routing table entries that the command displays. Values include: — <no parameter> displays all routing table entries. Tabular format. — **detail** displays all routing table entries. Data block format. — *ipv4_addr* host IPv4 address. Data block format. — *ipv4_subnet* subnet address. (CIDR notation). Data block format. — *ipv4_subnet* **longer-prefixes** subnet address. (CIDR notation). Tabular format. • ***VRF_INSTANCE*** specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp neighbors	show ip bgp neighbors	**Command Syntax** **`show ip bgp neighbors [NEIGHBOR_ADDR] [VRF_INSTANCE]`** **Parameters** • *NEIGHBOR_ADDR* location of the neighbors. Options include: — <no parameter> command displays information for all IPv4 BGP neighbors. — *ipv4_addr* command displays information for specified neighbor. • *VRF_INSTANCE* specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp paths	show ip bgp paths	**Command Syntax** **`show ip bgp paths`** [***`VRF_INSTANCE`***] **Parameters** • ***VRF_INSTANCE*** specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF. **Display Values** • **Refcount**: Number of routes using a listed path. • **Metric**: The path's Multi Exit Discriminator (MED). • **Path**: The route's AS path and its origin code. The MED (the path's external metric) provides information to external neighbors about the preferred path into an AS that has multiple entry points. Lower MED values are preferred.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp peer-group	show ip bgp peer-group	**Command Syntax** **show ip bgp peer-group** [***GROUP***] [***VRF_INSTANCE***] **Parameters** • ***GROUP*** peer group for which command displays information. Options include: — <no parameter> command displays information for all peer groups. — *group_name* name of peer group for which command displays information. • ***VRF_INSTANCE*** specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.
show ip bgp regexp	show ip bgp regexp	**Command Syntax** **show ip bgp regexp** *as_paths* [***VRF_INSTANCE***] **Parameters** • *as_paths* list of AS paths, formatted as a regular expression. Regular expressions are pattern matching strings that are composed of text characters and operators. • ***VRF_INSTANCE*** specifies the VRF instance of the BGP routing table to be displayed. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp summary	show ip bgp summary	**Command Syntax** `show ip bgp summary [VRF_INSTANCE]` **Parameters** • *VRF_INSTANCE* specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF. **Display Values** **Header Row** • **BGP router identifier**: The router identifier – loopback address or highest IP address. • **Local AS Number**: AS number assigned to switch **Neighbor Table Columns** • **(First) Neighbor**: Neighbor's IP address. • **(Second) V**: BGP version number. • **(Third) AS**: Neighbor's AS number. • **(Fourth) MsgRcvd:** Messages received from the neighbor. • **(Fifth) MsgSent:** Messages sent to neighbor. • **(Sixth) InQ:** Messages queued from neighbor. • **(Seventh) OutQ:** Messages queued to send neighbor. • **(Eighth) Up/Down:** Period the BGP session has been Established, or its current status. • **(Ninth) State**: State of the BGP session and the number of routes received from a neighbor. After the maximum number of routes are received, the ninth field displays **PfxRcd**, and the connection becomes Idle. Maximum number of routes is set using the **maximum paths (BGP)** command.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip community-list	show ip community-list	**Command Syntax** `show ip community-list [COMMUNITY_LIST]` **Parameters** • *COMMUNITY_LIST* community list for which command displays information. — <no parameter> command displays information for all community lists. — *listname* name of the community list (text string).
show ip dhcp snooping	show ip dhcp snooping	**Command Syntax** `show ip dhcp snooping`
show ip extcommunity-list	show ip extcommunity-list	**Command Syntax** `show ip extcommunity-list [COMMUNITY_LIST]` **Parameters** • *COMMUNITY_LIST* extended community list for which command displays information. — <no parameter> command displays information for all extended community lists. — *listname* name of the extended community list (text string).
show ip helper-address	show ip helper-address	**Command Syntax** `show ip helper-address`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip igmp groups	show ip igmp groups	**Command Syntax** **show ip igmp groups** ***GROUP_LIST*** [***DATA***] **Parameters** • ***GROUP_LIST*** list of groups for which the command displays information. Options include: — <no parameter> all multicast groups. — *group_addr* single multicast group address (dotted decimal notation). — **interface ethernet** *e_num* all multicast groups on specified Ethernet interface. — **interface loopback** *l_num* all multicast groups on specified Loopback interface. — **interface management** *m_num* all multicast groups on specified Management interface. — **interface port-channel** *p_num* all multicast groups on specified Port-Channel Interface. — **interface vlan** *v_num* all multicast groups on specified VLAN interface. — **interface vxlan** *vx_num* all multicast groups on specified VXLAN interface. • ***DATA*** specifies the type of information displayed. Options include: — <no parameter> provides uptime, expiration, and address of reporter. — **detail** also include group mode and group source list.
show ip igmp interface	show ip igmp interface	**Command Syntax** **show ip igmp interface** [***INT_NAME***] **Parameters** • ***INT_NAME*** Interface type and number. Values include — **<no parameter>** Displays information for all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip igmp snooping	show ip igmp snooping	**Command Syntax** **`show ip igmp snooping`** [***`VLAN_ID`***] **Parameters** • ***VLAN_ID*** specifies VLANs for which command displays information. Options include: — <no parameter> displays information for all VLANs. — **vlan** *v_num* displays information for specified VLAN.
show ip igmp snooping groups	show ip igmp snooping groups	**Command Syntax** **`show ip igmp snooping groups`** [***`VLAN_ID`***] [***`PORT_INT`***] [***`GROUPS`***] [***`DATA`***] **Parameters** • ***VLAN_ID*** specifies VLAN for which command displays information. Options include: — <no parameter> displays information for all VLANs. — **vlan** *v_num* displays information for VLAN *v_num* (1 to 4094). • ***PORT_INT*** specifies physical ports for which command displays information. Options include: — <no parameter> displays information for all physical ports. — **interface ethernet** *e_range*, where *e_range* is the number, range, or list of Ethernet ports. — **interface port-channel** *p_range*, where *p_range* is the number, range, or list of channel ports. • ***GROUPS*** specifies the multicast groups. Options include: — <no parameter> all multicast groups on all specified ports. — *mgroup_address* multicast group specified by IPv4 address (dotted decimal notation). — **dynamic** multicast groups learned through IGMP. — **user** multicast groups manually added. • ***DATA*** specifies the type of information displayed. Options include: — <no parameter> VLAN number and port-list for each group. — **detail** port-specific information for each group, including transmission times and expiration.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip igmp snooping mrouter	show ip igmp snooping mrouter	**Command Syntax** **show ip igmp snooping mrouter** [*VLAN_ID*] [*DATA*] **Parameters** • *VLAN_ID* specifies VLAN for which command displays information. Options include: — <no parameter> all VLANs. — **vlan** *v_num* specified VLAN. • *DATA* specifies the type of information displayed. Options include: — <no parameter> displays VLAN number and port-list for each group. — **detail** displays port-specific data for each group; includes transmission times and expiration.
show ip igmp snooping querier	show ip igmp snooping querier	**Command Syntax** **show ip igmp snooping querier** [*STATUS*] [*VLAN_ID*] [*DATA*] **Parameters** • *STATUS* specifies the type of information displayed. Options include: — <no parameter> querier IP address, port, and IGMP version. — **status** querier configuration parameters. • *VLAN_ID* specifies VLANs for which command displays information. Options include: — <no parameter> all VLANs. — **vlan** *v_num* specified VLAN. • *DATA* specifies the type of information displayed. Options include: — <no parameter> displays VLAN number and port-list for each group. — **detail** displays port-specific data for each group; includes transmission times and expiration.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip interface	show ip interface	**Command Syntax** **`show ip interface [INTERFACE_NAME] [VRF_INST]`** **Parameters** • ***INTERFACE_NAME*** interfaces for which command displays status. — <no parameter> all routed interfaces. — *ipv4_addr* Neighbor IPv4 address. — **ethernet** *e_range* Routed Ethernet interfaces specified by *e_range*. — **loopback** *l_range* Routed loopback interfaces specified by *l_range*. — **management** *m_range* Routed management interfaces specified by *m_range*. — **port-channel** *p_range* Routed port channel Interfaces specified by *p_range*. — **vlan** *v_range* VLAN interfaces specified by *v_range*. — **vxlan** *vx_range* VXLAN interfaces specified by *vx_range*. • ***VRF_INST*** specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip interface brief	show ip interface brief	**Command Syntax** **`show ip interface [INTERFACE_NAME] [VRF_INST] brief`** **Parameters** • *INTERFACE_NAME* interfaces for which command displays status. — <no parameter> all routed interfaces. — *ipv4_addr* Neighbor IPv4 address. — **ethernet** *e_range* Routed Ethernet interfaces specified by *e_range*. — **loopback** *l_range* Routed loopback interfaces specified by *l_range*. — **management** *m_range* Routed management interfaces specified by *m_range*. — **port-channel** *p_range* Routed port channel Interfaces specified by *p_range*. — **vlan** *v_range* VLAN interfaces specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. • *VRF_INST* specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**.
show ip mfib	show ip mfib	**Command Syntax** **`show ip mfib [ROUTE]`** **Parameters** • *ROUTE* routes displayed, filtered by multicast group and source IP addresses: — <no parameter> all multicast messages of the specified group are fast-switched. — *group_addr* multicast group IPv4 address. — *group_addr source address* two IPv4 addresses: multicast group and source addresses.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip mroute	show ip mroute	**Command Syntax** **show ip mroute** **show ip mroute** *gp_addr* **Parameters** • *gp_addr* group IP address (dotted decimal notation).
show ip mroute count	show ip mroute count	**Command Syntax** **show ip mroute count**
show ip msdp mesh-group	show ip msdp mesh-group	**Command Syntax** **show ip msdp mesh-group**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip msdp peer	show ip msdp peer	**Command Syntax** **`show ip msdp peer`** [***`PEER_ADDR`***] [***`SA_ACCEPT`***] **Parameters** • ***PEER_ADDR*** Peers for which command displays information. — <no parameter> All peers configured on the switch. — *ipv4_addr* Address of specified MSDP peer. • ***SA_ACCEPT*** Command displays SAs accepted from the specified peers. — <no parameter> Accepted SAs are not displayed. — **accepted-sas** Accepted SAs are displayed.
show ip msdp rpf-peer	show ip msdp rpf-peer	**Command Syntax** **`show ip msdp peer`** *`rp_addr`* **Parameters** • *rp_addr* PIM RP IPv4 address. (Note Typo in Arista Manual)

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip msdp sa-cache	show ip msdp sa-cache	**Command Syntax** `show ip msdp sa-cache [ADDRESS_FILTER] [CONTENTS]` **Parameters** • *ADDRESS_FILTER* IPv4 address used to filter SA messages. — <no parameter> All SA messages. — *grp_addr* Multicast group address (IPv4 address). — *src_addr grp_addr* Source and multicast group addresses (two IPv4 addresses). *grp_addr* must be a valid multicast address. • *CONTENTS* type of SAs that the command displays. — <no parameter> Displays contents of SA Cache. — **rejected** Displays rejected SAs in addition to the SA cache contents.
show ip msdp summary	show ip msdp summary	**Command Syntax** `show ip msdp summary`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip nat translations	show ip nat translations	**Command Syntax** **`show ip nat translations [INTF] [ADDR] [TYPE] [DIR] [H_STATE] [K_STATE] [V_STATE]`** Command position of ***INTF, ADDR, TYPE,*** and ***DIR*** parameters are interchangeable. **Parameters** • ***INTF*** Filters NAT statements by interface. Options include: — <no parameter> includes all statement on all interfaces. — **interface ethernet** *e_num* Statements on specified Ethernet interface. — **interface loopback** *l_num* Statements on specified Loopback interface. — **interface management** *m_num* Statements on specified Management interface. — **interface port-channel** *p_num* Statements on specified Port-Channel Interface. — **interface vlan** *v_num* Statements on specified VLAN interface. • ***ADDR*** Filters NAT statements by status. Options include: — <no parameter> includes all NAT statements, including those not installed in hardware. — **address** *ipv4_addr* includes only NAT statements installed in hardware. • ***TYPE*** Filters NAT statements by status. Options include: — <no parameter> includes all NAT statements, including those not installed in hardware. — **static** includes only NAT statements installed in hardware. — **dynamic** includes only NAT statements installed in hardware. • ***DIR*** Filters NAT statements by status. Options include: — <no parameter> includes all NAT statements, including those not installed in hardware. — **source** includes only NAT statements installed in hardware. — **destination** includes only NAT statements installed in hardware. • ***H_STATE*** Filters NAT statements by status. Options include: — <no parameter> includes all NAT statements, including those not installed in hardware. — **hardware** includes only NAT statements installed in hardware. • ***K_STATE*** Filters NAT statements by status. Options include: — <no parameter> includes all NAT statements, including those not installed in hardware. — **kernel** includes only NAT statements installed in hardware. • ***V_STATE*** Specifies information that the command returns. Options include: — <no parameter> displays table of NAT translations. — **detail** displays table of NAT translations.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip ospf	show ip ospf	**Command Syntax** **show ip ospf** [***PROCESS_ID***] [***VRF_INSTANCE***] **Parameters** • *PROCESS_ID* OSPFv2 process ID. Values include: — <no parameter> — *<1 to 65535>* • *VRF_INSTANCE* specifies the VRF instance. — <no parameter> — **vrf** *vrf_name*
show ip ospf border-routers	show ip ospf border-routers	**Command Syntax** **show ip ospf border-routers** [***VRF_INSTANCE***] **Parameters** • *VRF_INSTANCE* specifies the VRF instance. — <no parameter> — **vrf** *vrf_name*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip ospf database database-summary	show ip ospf database database-summary	**Command Syntax** `show ip ospf [AREA] database database-summary [VRF_INSTANCE]` **Parameters** • ***VRF_INSTANCE*** specifies the VRF instance. — <no parameter> — vrf *vrf_name* • ***AREA*** areas for which command displays data. Specifying an individual area requires entering the process ID where the area is located. Options include: — <no parameter> — *process_id* — *process_id area_id* — *process_id* input range: <1 to 65535> — *area_id* input range: <0 to 4294967295> or <0.0.0.0 to 255.255.255.255>

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip ospf interface	show ip ospf interface	**Command Syntax** **`show ip ospf [PROCESS_ID] interface [INTERFACE_NAME] [VRF_INSTANCE]`** **Parameters** • ***PROCESS_ID*** OSPFv2 process ID. Values include: — <no parameter> — *<1 to 65535>* • ***INTERFACE_NAME*** Interface type and number. Values include — <no parameter> — **ethernet** *e_num* — **loopback** *l_num* — **port-channel** *p_num* — **vlan** *v_num* • ***VRF_INSTANCE*** specifies the VRF instance. — <no parameter> . — **vrf** *vrf_name*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip ospf neighbor	show ip ospf neighbor	**Command Syntax** **show ip ospf** [*PROCESS_ID*] **neighbor** [*INTERFACE_NAME*] [*NEIGHBOR*] [*DATA*] [*VRF_INSTANCE*] **Parameters** • *PROCESS_ID* OSPFv2 process ID. Values include: — <no parameter> — *<1 to 65535>* • *INTERFACE_NAME* Interface type and number. Values include: — <no parameter> — **ethernet** *e_num* — **loopback** *l_num* — **port-channel** *p_num* — **vlan** *v_num* • *NEIGHBOR* OSPFv2 neighbor. Options include: — <no parameter> — *ipv4_addr* • *DATA* Type of information the command displays. Values include: — <no parameter> — **detail** • *VRF_INSTANCE* specifies the VRF instance. — <no parameter> — **vrf** *vrf_name*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip ospf request-list	show ip ospf request-list	**Command Syntax** **show ip ospf request-list [*VRF_INSTANCE*]** **Parameters** • *VRF_INSTANCE* specifies the VRF instance. — <no parameter> — **vrf** *vrf_name*
show ip ospf retransmission-list	show ip ospf retransmission-list	**Command Syntax** **show ip ospf retransmission-list [*VRF_INSTANCE*]** **Parameters** • *VRF_INSTANCE* specifies the VRF instance. — <no parameter> — **vrf** *vrf_name*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip pim interface	show ip pim interface	**Command Syntax** **show ip pim interface** [***INT_NAME***] [***INFO_LEVEL***] **Parameters** • *INT_NAME* Interface type and number. Values include — <no parameter> displays information for all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *INFO_LEVEL* specifies level of information detail provided by the command. — <no parameter> table of basic configuration information. — **detail** list of complete configuration information.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip pim neighbor	show ip pim neighbor	**Command Syntax** `show ip pim neighbor [INT_NAME] [BFD_DATA]` **Parameters** • *INT_NAME* Interface type and number. Values include — <no parameter> displays information for all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *BFD_DATA* Specifies inclusion of BFD data. — <no parameter> BFD data is not displayed. — **bfd** BFD data is displayed.
show ip pim rp	show ip pim rp	**Command Syntax** `show ip pim rp`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip pim rp-hash	show ip pim rp-hash	**Command Syntax** **show ip pim rp-hash** *ipv4_addr* [***INFO_LEVEL***] **Parameters** • *ipv4_addr* multicast group IPv4 address. • ***INFO_LEVEL*** specifies level of information detail provided by the command. — <no parameter> RP-hash map and list of candidate RPs. — **detail** includes data about the selected RP.
show ip prefix-list	show ip prefix-list	**Command Syntax** **show ip prefix-list** [***DISPLAY_ITEMS***] **Parameters** • ***DISPLAY_ITEMS*** specifies the name of prefix lists for which rules are displayed. Options include: — <no parameter> all IPv4 prefix list rules are displayed. — *list_name* specifies the IPv4 prefix list for which rules are displayed.
show ip rip database	show ip rip database	**Command Syntax** **show ip rip database** [***FILTER***] **Parameters** • ***FILTER*** routing table entries that the command displays. Values include: — <no parameter> displays all routing table entries — **active** displays all active routing table entries. — *net_addr* subnet address (CIDR or address-mask). Command displays entries in this subnet.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip rip neighbors	show ip rip neighbors	**Command Syntax** `show ip rip neighbors`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip route	show ip route	**Command Syntax** **show ip route** [***VRF_INSTANCE***] [***ADDRESS***] [***ROUTE_TYPE***] [***INFO_LEVEL***] [***PREFIX***] **Parameters** The ***VRF_INSTANCE*** and ***ADDRESS*** parameters are always listed first and second, respectively. All other parameters can be placed in any order. • ***VRF_INSTANCE*** specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**. • ***ADDRESS*** Filters routes by IPv4 address or subnet. — <no parameter> all routing table entries. — *ipv4_addr* routing table entries matching specified address. — *ipv4_subnet* routing table entries matching specified subnet (CIDR or address-mask). • ***ROUTE_TYPE*** Filters routes by specified protocol or origin. Options include: — <no parameter> all routing table entries. — **aggregate** entries for BGP aggregate routes. — **bgp** entries added through BGP protocol. — **connected** entries for routes to networks directly connected to the switch. — **isis** entries added through ISIS protocol. — **kernel** entries appearing in Linux kernel but not added by EOS software. — **ospf** entries added through OSPF protocol. — **rip** entries added through RIP protocol. — **static** entries added through CLI commands. • ***INFO_LEVEL*** Filters entries by next hop connection. Options include: — <no parameter> filters routes whose next hops are directly connected. — **detail** displays all routes. • ***PREFIX*** filters routes by prefix. — <no parameter> specific route entry that matches the ADDRESS parameter. — **longer-prefixes** all subnet route entries in range specified by ADDRESS parameter.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip route summary	show ip route summary	**Command Syntax** `show ip route [VRF_INSTANCE] summary` **Parameters** • *VRF_INSTANCE* specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**.
show ip route tag	show ip route tag	**Command Syntax** `show ip route [VRF_INSTANCE] ADDRESS tag` **Parameters** • *VRF_INSTANCE* specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**. • *ADDRESS* displays routes of specified IPv4 address or subnet. — *ipv4_addr* routing table entries matching specified IPv4 address. — *ipv4_subnet* routing table entries matching specified IPv4 subnet (CIDR or address-mask).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 access-list	show ipv6 access-list	**Command Syntax** **show ipv6 access-list** [***LIST***] [***SCOPE***] **Parameters** • ***LIST*** name of lists to be displayed. Selection options include: — <no parameter> all IPv6 ACLs are displayed. — *list_name* specified IPv6 ACL is displayed. • ***SCOPE*** information displayed. Selection options include: — <no parameter> all rules in the specified lists are displayed. — **summary** the number of rules in the specified lists are displayed.
show ipv6 bgp	show ipv6 bgp	**Command Syntax** **show ipv6 bgp** [***FILTER***] [***VRF_INSTANCE***] **Parameters** • ***FILTER*** routing table entries that the command displays. Values include: — <no parameter> displays all routing table entries. Tabular format. — **detail** displays all routing table entries. Data block format. — *ipv6_addr* IPv6 host address. Data block format. — *ipv6_prefix* IPv6 prefix address. (CIDR notation). Data block format. — *ipv6_prefix* **detail** IPv6 prefix address. (CIDR notation). Data block format. — *ipv6_prefix* **longer-prefixes** IPv6 prefix address. (CIDR notation). Tabular format. — *ipv6_prefix* **longer-prefixes detail** IPv6 prefix address. (CIDR notation). Data block format. • ***VRF_INSTANCE*** specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 bgp community	show ipv6 bgp community	**Command Syntax** **show ipv6 bgp community** [*COMM_1 ... COMM_n*] [*MATCH_TYPE*] [*INFO*] [*VRF_INSTANCE*] **Parameters** • *COMM_x* community number or name, as specified in the route map that sets the community list number. — *aa:nn* AS and network number, separated by colon. Each value ranges from 1 to 4294967295. — *comm_num* community number. Values range from 1 to 4294967040. — **internet** advertises route to Internet community. — **local-as** advertises route only to local peers. — **no-advertise** does not advertise route to any peer. — **no-export** advertises route only within BGP AS boundary. • *MATCH_TYPE* Routes are filtered based on their communities. — <no parameter> routes must match at least one community in the list — **exact** route must match all communities and include no other communities. • *INFO* Type of information the command displays. Values include: — <no parameter> Displays table of the routing entry line items. — **detail** Displays data block for each routing table entry. • *VRF_INSTANCE* specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 bgp neighbors	show ipv6 bgp neighbors	**Command Syntax** `show ipv6 bgp neighbor [NEIGHBOR_ADDR] [VRF_INSTANCE]` **Parameters** • ***NEIGHBOR_ADDR*** location of the neighbors. Options include: — <no parameter> command displays information for all neighbors. — *ipv6_addr* command displays information for specified neighbor. • ***VRF_INSTANCE*** specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 bgp summary	show ipv6 bgp summary	**Command Syntax** `show ipv6 bgp summary [VRF_INSTANCE]` **Parameters** • *VRF_INSTANCE* specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF. **Display Values** **Header Row** • **BGP router identifier**: The router identifier: loopback address or highest IP address. • **Local AS Number**: AS number assigned to switch **Neighbor Table Columns** • **(First) Neighbor**: Neighbor's IP address. • **(Second) V**: BGP version number. • **(Third) AS**: Neighbor's AS number. • **(Fourth) MsgRcvd:** Messages received from the neighbor. • **(Fifth) MsgSent:** Messages sent to neighbor. • **(Sixth) InQ:** Messages queued from neighbor. • **(Seventh) OutQ:** Messages queued to send neighbor. • **(Eighth) Up/Down:** Period the BGP session has been Established, or its current status. • **(Ninth) State**: State of the BGP session and the number of routes received from a neighbor. After the maximum number of routes are received, the ninth field displays **PfxRcd**, and the connection becomes Idle. Maximum number of routes is set using the **maximum paths (BGP)** command.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 interface	show ipv6 interface	**Command Syntax** **`show ipv6 interface`** [***`INTERFACE_NAME`***] [***`INFO_LEVEL`***] **Parameters** • *INTERFACE_NAME* interfaces for which command displays status. — <no parameter> all routed interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *INFO_LEVEL* amount of information that is displayed. Options include: — <no parameter> command displays data block for each specified interface. — **brief** command displays table that summarizes IPv6 interface data.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 neighbors	show ipv6 neighbors	**Command Syntax** `show ipv6 neighbors [PORT] [SOURCE] [INFO_LEVEL]` **Parameters** • ***PORT*** Filters by interface through which neighbor is accessed. Options include: — <no parameter> all routed interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • ***SOURCE*** Filters by neighbor IPv6 address. Options include: — <no parameter> all IPv6 neighbors. — *ipv6_addr* IPv6 address of individual neighbor. • ***INFO_LEVEL*** amount of information that is displayed. Options include: — <no parameter> command displays the discovery cache for the specified interfaces. — **summary** command displays summary information only.
show ipv6 ospf	show ipv6 ospf	**Command Syntax** `show ipv6 ospf`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 ospf border-routers	show ipv6 ospf border-routers	**Command Syntax** `show ipv6 ospf border-routers`
show ipv6 ospf interface	show ipv6 ospf interface	**Command Syntax** `show ipv6 ospf interface`
show ipv6 ospf neighbor	show ipv6 ospf neighbor	**Command Syntax** `show ipv6 ospf neighbor`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 prefix-list	show ipv6 prefix-list	**Command Syntax** `show ipv6 prefix-list [DISPLAY_ITEMS]` **Parameters** • *DISPLAY_ITEMS* specifies the name of prefix lists for which rules are displayed. Options include: — <no parameter> all IPv6 prefix lists are displayed. — *list_name* specifies the IPv6 prefix list for which rules are displayed.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 route	show ipv6 route	**Command Syntax** `show ipv6 route [ADDRESS] [ROUTE_TYPE] [INFO_LEVEL]` **Parameters** Address, when present, is always listed first. All other parameters can be placed in any order. • *ADDRESS* filters routes by IPv6 address or prefix. — <no parameter> all routing table entries. — *ipv6_address* routing table entries matching specified IPv6 address. — *ipv6_prefix* routing table entries matching specified IPv6 prefix (CIDR notation). • *ROUTE_TYPE* filters routes by specified protocol or origin. — <no parameter> all routing table entries. — **aggregate** entries for BGP aggregate routes. — **bgp** entries added through BGP protocol. — **connected** entries for routes to networks directly connected to the switch. — **kernel** entries appearing in Linux kernel but not added by EOS software. — **isis** entries added through IS-IS protocol. — **ospf** entries added through OSPF protocol. — **static** entries added through CLI commands. • *INFO_LEVEL* Filters entries by next hop connection. — <no parameter> filters routes whose next hops are directly connected. — **detail** displays all routes.
show ipv6 route summary	show ipv6 route summary	**Command Syntax** `show ipv6 route summary`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ipv6 route tag	show ipv6 route tag	**Command Syntax** `show ipv6 route ADDRESS tag` **Parameters** • ***ADDRESS*** filters routes by IPv6 address or prefix. — *ipv6_address* routing table entries matching specified address (A:B:C:D:E:F:G:H) — *ipv6_prefix* routing table entries matching specified IPv6 prefix (A:B:C:D:E:F:G:H/PL).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show isis database	show isis database	**Command Syntax** **show isis database** [***INSTANCES***] [***INFO_LEVEL***] **show isis database** [***INFO_LEVEL***] ***VRF_INSTANCE*** **Parameters** • ***INSTANCES*** Options include: — <no parameter> — *instance_name* • ***INFO_LEVEL*** Options include: — <no parameter> — **detail** • ***VRF_INSTANCE*** specifies the VRF instance. — <no parameter> — **vrf** *vrf_name* **Display Values** • ISIS Instance • LSPID • Seq Num • Cksum • Life • IS

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show isis interface	show isis interface	**Command Syntax** **show isis interface** [*INSTANCES*] [*INTERFACE_NAME*] [*INFO_LEVEL*] **show isis interface** [*INTERFACE_NAME*] [*INFO_LEVEL*] *VRF_INSTANCE* **Parameters** • *INSTANCES* Options include: — <no parameter> — *instance_name* • *INTERFACE_NAME* Values include — <no parameter> all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *INFO_LEVEL* Options include: — <no parameter> — **detail** • *VRF_INSTANCE* specifies the VRF instance. — <no parameter> — **vrf** *vrf_name* **Display Values** — ISIS Instance — System ID — Index — MTU — Metric — LAN-ID — DIS — Type — Interface — SNPA — State — Hold time

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

show isis topology	show isis topology	**Command Syntax**
		`show isis topology`
		`show isis` ***INSTANCES*** `topology`
		`show isis topology` ***VRF_INSTANCE***
		Parameters
		• *INSTANCES* Options include:
		— <no parameter>
		— *instance_name*
		• *VRF_INSTANCE* specifies the VRF instance.
		— <no parameter>
		— **vrf** *vrf_name*
		Display Values
		• System Id
		• Metric
		• Next-Hop
		• Interface
		• SNPA

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show lacp counters	show lacp counters	**Command Syntax** **`show lacp`** [***`PORT_LIST`***] **`counters`** [***`PORT_LEVEL`***] [***`INFO_LEVEL`***] ***PORT_LEVEL*** and ***INFO_LEVEL*** parameters can be placed in any order. **Parameters** • ***PORT_LIST*** ports for which port information is displayed. Options include: — <no parameter> all configured port channels — *c_range* ports in specified channel list (number, number range, or list of numbers and ranges). — **interface** ports on all interfaces. — **interface ethernet** *e_num* port on Ethernet interface specified by *e_num*. — **interface port-channel** *p_num* port on port channel interface specified by *p_num*. • ***PORT_LEVEL*** ports displayed, in terms of aggregation status. Options include: — <no parameter> only ports bundled by LACP into an aggregate. — **all-ports** all ports, including LACP candidates that are not bundled. • ***INFO_LEVEL*** amount of information that is displayed. Options include: — <no parameter> displays packet transmission (TX and RX) statistics. — **brief** displays packet transmission (TX and RX) statistics. — **detailed** displays packet transmission (TX and RX) statistics and actor-partner statistics.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show lacp interface	show lacp interface	**Command Syntax** **show lacp interface** [***INTERFACE_PORT***] [***PORT_LEVEL***] [***INFO_LEVEL***] *INTERFACE_PORT* is listed first when present. Other parameters can be listed in any order. **Parameters** • *INTERFACE_PORT* interfaces for which information is displayed. Options include: — <no parameter> all interfaces in channel groups. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **port-channel** *p_num* port channel interface specified by *p_num*. • *PORT_LEVEL* ports displayed, in terms of aggregation status. Options include: — <no parameter> command lists data for ports bundled by LACP into the aggregate. — **all-ports** command lists data for all ports, including LACP candidates that are not bundled. • *INFO_LEVEL* amount of information that is displayed. Options include: — <no parameter> displays same information as **brief** option. — **brief** displays LACP configuration data, including sys-id, actor, priorities, and keys. — **detailed** includes **brief** option information plus state machine data.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show lacp neighbor	show lacp neighbor	**Command Syntax** **show lacp** [***PORT_LIST***] **neighbor** [***PORT_LEVEL***] [***INFO_LEVEL***] ***PORT_LEVEL*** and ***INFO_LEVEL*** parameters can be placed in any order. **Parameters** • ***PORT_LIST*** interface for which port information is displayed. Options include: — <no parameter> displays information for all configured port channels — *c_range* ports in specified channel list (number, number range, or list of numbers and ranges). — **interface** ports on all interfaces. — **interface ethernet** *e_num* Ethernet interface specified by *e_num*. — **interface port-channel** *p_num* port channel interface specified by *p_num*. • ***PORT_LEVEL*** ports displayed, in terms of aggregation status. Options include: — <no parameter> command lists data for ports bundled by LACP into an aggregate. — **all-ports** command lists data for all ports, including LACP candidates that are not bundled. • ***INFO_LEVEL*** amount of information that is displayed. Options include: — <no parameter> displays same information as **brief** option. — **brief** displays LACP configuration data, including sys-id, actor, priorities, and keys. — **detailed** includes **brief** option information plus state machine data.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show link state group	show link state group	**Command Syntax** **show link state group** [***DATA_LEVEL***] [***GROUPS***] **Parameters** • *DATA_LEVEL* device for which the command provides data. Options include: — <no parameter> information about all groups in group list. — **detail** detailed information about all groups in group list. • *GROUPS* — <no parameter> all link-state groups. — *group_name* link-state group name.
show lldp	show lldp	**Command Syntax** **show lldp** [***INTERFACE***] **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. Valid *e_range* and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show lldp neighbors	show lldp neighbors	**Command Syntax** **`show lldp neighbors`** [***`INTERFACE`***] [***`INFO_LEVEL`***] **Parameters** • ***INTERFACE*** Interface type and numbers. Options include: — <no parameter> displays information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. Valid *e_range* and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges. • ***INFO_LEVEL*** amount of information that is displayed. Options include: — <no parameter> Displays information for all interfaces. — **detailed** LLPDP information for all the adjacent LLDP devices.
show lldp traffic	show lldp traffic	**Command Syntax** **`show lldp traffic`** [***`INTERFACE`***] **Parameters** • ***INTERFACE*** Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. Valid *e_range* and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show mac access-list	show mac access-list	**Command Syntax** **`show mac access-lists`** [***`LIST`***] [***`SCOPE`***] **Parameters** • ***LIST*** name of lists to be displayed. Selection options include: — <no parameter> command displays all ACLs. — *list_name* command displays ACL specified by parameter. • ***SCOPE*** information displayed. Selection options include: — <no parameter> command displays all rules in specified lists. — **summary** command displays the number of rules in specified lists.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show mac address-table	show mac address-table	**Command Syntax** **show mac address-table** [***ENTRY_TYPE***] [***MAC_ADDR***] [***INTF_1 ... INTF_N***] [***VLANS***] **Parameters** • ***ENTRY_TYPE*** command filters display by entry type. Entry types include mlag-peer, dynamic, static, unicast, multicast entries, and configured. — <no parameter> all table entries. — **configured** static entries; includes unconfigured VLAN entries. — **dynamic** entries learned by the switch. — **static** entries entered by CLI commands and include a configured VLAN. — **unicast** entries with unicast MAC address. • ***MAC_ADDR*** command uses MAC address to filter displayed entries. — <no parameter> all MAC addresses table entries. — **address** *mac_address* displays entries with specified address (dotted hex notation – H.H.H). • ***INTF_X*** command filters display by port list. When parameter lists multiple interfaces, command displays all entries containing at least one listed interface. — <no parameter> all Ethernet and port channel interfaces. — **ethernet** *e_range* Ethernet interfaces specified by *e_range*. — **port-channel** *p_range* Port channel interfaces specified by *p_range*. • ***VLANS*** command filters display by VLAN. — <no parameter> all VLANs. — **vlan** *v_num* VLANs specified by *v_num*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show mac address-table aging time	show mac address-table aging time	**Command Syntax** **`show mac address-table aging-time`**
show mac address-table count	show mac address-table count	**Command Syntax** **`show mac address-table count [VLANS]`** **Parameters** • ***VLANS*** The VLANs for which the command displays the entry count. — <no parameter> all configured VLANs. — **vlan** *v_num* VLAN interface specified by *v_num*.
show module	show module	**Command Syntax** **`show module [MODULE_NAME]`** **Parameters** • ***MODULE_NAME*** Specifies modules for which data is displayed. Options include: — <no parameter> All modules (identical to **all** option). — **fabric** *fab_num* Specified fabric module. Number range varies with switch model. — **linecard** *line_num* Linecard module. Number range varies with switch model. — **supervisor** *super_num* Supervisor module. Number range varies with switch model. — *mod_num* Supervisor (1 to 2) or linecard (3 to 18) module. — **all** All modules.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show monitor session	show monitor session	**Command Syntax** `show monitor session SESSION_NAME` **Parameters** • *SESSION_NAME* Port mirroring session identifier. Options include: — <no parameter> displays configuration for all sessions. — *label* command displays configuration of the specified session.
show ntp associations	show ntp associations	**Command Syntax** `show ntp associations`
show ntp status	show ntp status	
show policy-map control-plane	show policy-map type control-plane	**Command Syntax** `show policy-map type control-plane copp-system-policy [CMAP_NAME]` **Parameters** • *CMAP_NAME* Name of class map displayed by the command. — <no parameter> Command displays all class maps in specified policy map. — *class_name* Command displays specified class map.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show policy-map interface	show policy-map interface type qos	**Command Syntax** **`show policy-map interface`** ***`INTERFACE_NAME`*** **`[type qos] [`*****`TRAFFIC`***`]` **Parameters** • *INTERFACE_NAME* Filters policy map list by interfaces. Options include: — **ethernet** *e_range* Ethernet ports for which command displays policy maps. — **port-channel** *p_range* Port channels for which command displays policy maps. • *TRAFFIC* Filters policy maps by the traffic they manage. Options include: — <no parameter> Policy maps that manage interface's ingress traffic (same as **input** option). — **input** Policy maps that manage interface's ingress traffic.
show policy-map interface control-plane	show policy-map interface control-plane	**Command Syntax** **`show policy-map interface control-plane copp-system-policy`**
show port-channel summary	show port-channel summary	**Command Syntax** **`show port-channel summary`**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show port-channel traffic	show port-channel traffic	**Command Syntax** `show port-channel [MEMBERS] traffic` **Parameters** • *MEMBERS* list of port channels for which information is displayed. Options include: — <no parameter> all configured port channels. — *c_range* ports in specified channel list (number, number range, or list of numbers and ranges).
show port-security	show port-security	**Command Syntax** `show port-security`
show port-security address	show port-security address	**Command Syntax** `show port-security address`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show port-security interface	show port-security interface	**Command Syntax** `show port-security interface [INT_NAME]` **Parameters** • *INT_NAME* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid *range* formats include number, number range, or comma-delimited list of numbers and ranges.
show privilege	show privilege	**Command Syntax** `show privilege`
show ptp clock	show ptp clock	**Command Syntax** `show ptp clock`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ptp parent	show ptp parent	**Command Syntax** `show ptp parent`
show ptp time-property	show ptp time-property	**Command Syntax** `show ptp time-property`
show radius	show radius	**Command Syntax** `show radius`
show redundancy states	show redundancy states	**Command Syntax** `show redundancy states`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show reload	show reload	**Command Syntax** `show reload`
show role	show role	**Command Syntax** `show role [ROLE_LIST]` **Parameters** • *ROLE_LIST* Roles that the command displays. Options include: — <no parameter> Command displays all roles. — *role_name* Name of role displayed by command.
show route-map	show route-map	**Command Syntax** `show route-map [MAP]` **Parameters** • *MAP* name of maps to be displayed. Selection options include: — <no parameter> command displays all ACLs. — *map_name* route map that the command displays.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show snmp	show snmp	**Command Syntax** `show snmp`
show snmp chassis	show snmp chassis	**Command Syntax** `show snmp chassis`
show snmp community	show snmp community	**Command Syntax** `show snmp community`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show snmp contact	show snmp contact	**Command Syntax** `show snmp contact`
show snmp engineID	show snmp engineID	**Command Syntax** `show snmp engineID`
show snmp group	show snmp group	**Command Syntax** `show snmp group [GROUP_LIST]` **Parameters** • *GROUP_LIST* the name of the group. — <no parameter> displays information about all groups. — *group_name* the name of the group. **Field Descriptions** • **groupname** name of the SNMP group. • **security model** security model used by the group: *v1*, *v2c*, or *v3*. • **readview** string identifying the group's read view. Refer to **show snmp view**. • **writeview** string identifying the group's write view. • **notifyview** string identifying the group's notify view.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show snmp host	show snmp host	**Command Syntax** `show snmp host` **Field Descriptions** • **Notification host** IP address of the host. • **udp-port** port number. • **type** notification type. • **user** access type of the user. • **security model** SNMP version used. • **traps** details of the notification.
show snmp location	show snmp location	**Command Syntax** `show snmp location`
show snmp mib	show snmp mib	**Command Syntax** `show snmp mib OBJECTS` **Parameters** • *OBJECTS* object identifiers for which the command returns data. Options include: — **get** *oid_1* [*oid_2 ... oid_x*] values associated with each listed OID. — **get-next** *oid_1* [*oid_2 ... oid_x*] values associated with subsequent OIDs relative to listed OIDs. — **table** *oid* table associated with specified OID. — **translate** *oid* object name associated with specified OID. — **walk** *oid* objects below the specified subtree.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show snmp source-interface	show snmp source-interface	**Command Syntax** `show snmp source-interface`
show snmp trap	show snmp trap	**Command Syntax** `show snmp trap`
show snmp user	show snmp user	**Command Syntax** `show snmp user [USER_LIST]` **Parameters** • *USER_LIST* the name of the group. — <no parameter> displays information about all users. — *user_name* specifies name of displayed user.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show snmp view	show snmp view	**Command Syntax** `show snmp view [VIEW_LIST]` **Parameters** • *VIEW_LIST* the name of the view. — <no parameter> displays information about all views. — *view_name* the name of the view. **Field Descriptions** • ***First column*** view name. • ***Second column*** name of the MIB object or family. • ***Third column*** inclusion level of the specified family within the view.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show spanning-tree	show spanning-tree	**Command Syntax** `show spanning-tree [VLAN_ID] [INFO_LEVEL]` **Parameters** • *VLAN_ID* specifies the VLANs for which the command displays information. Formats include: — <no parameter> displays information for all VLANs. — **vlan** displays data for instances containing the first VLAN listed in ***running-config***. — **vlan** *v_range* displays data for instances containing a VLAN in the specified range. • *INFO_LEVEL* specifies level of information detail provided by the command. — <no parameter> displays table for each instance listing status, configuration, and history. — **detail** displays data blocks for each instance and all ports on each instance. **Display Values** • **Root ID** Displays information on the ROOT ID (elected spanning tree root bridge ID): — *Priority*: Priority of the bridge. Default value is 32768. — *Address*: MAC address of the bridge. • **Bridge ID** bridge status and configuration information for the locally configured bridge: — *Priority* Priority of the bridge. The default priority is 32768. — *Address* MAC address of the bridge. — *Hello Time* Interval (seconds) between bridge protocol data units (BPDUs) transmissions. — *Max Age* Maximum time that a BPDU is saved. — *Forward Delay* Time (in seconds) that is spent in the learning state. • **Interface** STP configuration participants. Link-down interfaces are not shown. • **Role** Role of the port as one of the following: — *Root* The best port for a bridge to a root bridge used for forwarding. — *Designated* A forwarding port for a LAN segment. — *Alternate* A port acting as an alternate path to the root bridge. — *Backup* A port acting as a redundant path to another bridge port. • **State** Displays the interface STP state as one of the following: — *Learning* — *Discarding* — *Forwarding* • **Cost** STP port path cost value. • **Prio. Nbr.** STP port priority. Values range from 0 to 240. Default is 128. • **Type** The link type of the interface (automatically derived from the duplex mode of an interface): — *P2p Peer (STP)* Point to point full duplex port running standard STP. — *shr Peer (STP)* Shared half duplex port running standard STP.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show spanning-tree blockedports	show spanning-tree blockedports	**Command Syntax** `show spanning-tree blockedports`
show spanning-tree bridge	show spanning-tree bridge	**Command Syntax** `show spanning-tree bridge [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* specifies level of information detail provided by the command. — <no parameter> command displays information in a data table. — **detail** command displays bridge information in data blocks for each instance.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show spanning-tree interface	show spanning-tree interface	**Command Syntax** **show spanning-tree interface *INT_NAME* [*INFO_LEVEL*]** **Parameters** • *INT_NAME* Interface type and number. Values include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **peerethernet** *e_num* Ethernet interface specified by *e_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **peerport-channel** *p_num* Port-Channel Interface specified by *p_num*. • *INFO_LEVEL* specifies level of detail provided by the output. Options include: — <no parameter> command displays a table of STP data for the specified interface. — **detail** command displays a data block for the specified interface.
show spanning-tree mst	show spanning-tree mst	**Command Syntax** **show spanning-tree mst [*INSTANCE*] [*INFO_LEVEL*]** **Parameters** • *INSTANCE* – MST instance for which the command displays information. Options include: — <no parameter> all MST instances. — *mst_inst* MST instance number. Value of *mst_inst* ranges from 0 to 4094. • *INFO_LEVEL* – type and amount of information in the output. Options include: — <no parameter> output is interface data in tabular format. — **detail** output is a data block for each interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show spanning-tree mst configuration	show spanning-tree mst configuration	**Command Syntax** **`show spanning-tree mst configuration [INFO_LEVEL]`** **Parameters** • *INFO_LEVEL* specifies data provided by the output. Options include: — <no parameter> command displays VLAN-to-instance map. — **digest** command displays the MST configuration digest.
show spanning-tree mst interface	show spanning-tree mst interface	**Command Syntax** **`show spanning-tree mst [INSTANCE] interface INT_NAME [INFO_LEVEL]`** **Parameters** • *INSTANCE* MST instance for which the command displays information. Options include: — <no parameter> all MST instances. — *mst_inst* denotes a single MST instance. Value of *mst_inst* ranges from 0 to 4094. • *INT_NAME* Interface type and number. Values include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **peerethernet***e_num* Ethernet interface specified by *e_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **peerport-channel***p_num* Port-channel interface specified by *p_num*. • *INFO_LEVEL* specifies level of detail provided by the output. Options include: — <no parameter> command displays a table of STP instance data for the specified interface — **detail** command displays a data block for all specified instance-interface combinations.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show spanning-tree root	show spanning-tree root	**Command Syntax** `show spanning-tree root [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* specifies output format. Options include: — <no parameter> output displays data in tabular format. — **detail** output displays a data block for each instance.
show storm-control	show storm-control	**Command Syntax** `show storm-control [INT_NAME]` **Parameters** • <no parameter> Command returns data for all interfaces configured for storm control. • *INT_NAME* interface type and port range. Settings include: — **ethernet** *e_range* Ethernet interfaces that *e_range* denotes. — **port-channel** *p_range* Port channel interfaces that *p_range* denotes. When storm control commands exist for a port-channel and an Ethernet port that is a member of the port channel, the command for the port-channel takes precedence. Valid *range* formats include number, number range, or comma-delimited list of numbers and ranges.
show tacacs	show tacacs	**Command Syntax** `show tacacs`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show track	show track	**Command Syntax** `show track [OBJECT] [INFO_LEVEL]` **Parameters** • *OBJECT* tracked object for which information is displayed. Options include: — <no parameter> displays information for all tracked objects configured on the switch. — *object_name* displays information for the specified object. • *INFO_LEVEL* amount of information that is displayed. Options include: — <no parameter> displays complete information including object status, number of status changes, time since last change, and client process tracking the object (if any). — **brief** displays brief list of all tracked objects and their current status.
show user-account	show user-account	**Command Syntax** `show user-account`
show users	show users	**Command Syntax** `show users`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show version	show version	**Command Syntax** `show version [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* Specifies information the command displays. Options include — <no parameter> Model and serial numbers, manufacturing data, uptime, and memory. — **detail** Data listed <*no parameter*> option plus version numbers of internal components.
show vlan	show vlan	**Command Syntax** `show vlan [VLAN_LIST] [PORT_ACTIVITY]` **Parameters** • *VLAN_LIST* List of VLANs displayed by command. Options include: — <no parameter> all VLANs. — *v_range* VLANs specified by *v_range*. — **id** *v_range* VLANs specified by *v_range*. — **name** *v_name* VLANs specified by the VLAN name *v_name*. *v_range* formats include number, number range, or comma-delimited list of numbers and ranges. • *PORT_ACTIVITY* Ports listed in table. Options include: — <no parameter> table displays only active ports (same as **active-configuration** option). — **active-configuration** table displays only active ports. — **configured-ports** table displays all configured ports. **Display Values** • **VLAN** The VLAN ID. • **Name** The name of the VLAN. • **Status** The status of the VLAN. • **Ports** The ports that are members of the VLAN.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show vlan private-vlan	show vlan private-vlan	**Command Syntax** `show vlan private-vlan`
show vlan summary	show vlan summary	**Command Syntax** `show vlan summary`
show vrf	show vrf	**Command Syntax** `show vrf [VRF_INSTANCE]` **Parameters** • *VRF_INSTANCE* specifies the VRF instance to display. — <no parameter> information is displayed for all VRFs. — **vrf** *vrf_name* information is displayed for the specified user-defined VRF.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show vrrp	show vrrp	**Command Syntax** **show vrrp** [*INFO_LEVEL*] [*STATES*] **show vrrp** *INTF* [*GROUP_NUM*] [*INFO_LEVEL*] [*STATES*] **show vrrp** *GROUP_NUM INTF_GROUP* [*INFO_LEVEL*] [*STATES*] **Parameters** • *INTF* specifies the VRRP groups for which the command displays status. When the parameter is omitted or specifies only an interface, the group list is filtered by the *STATES* parameter. — <no parameter> specified groups on all interfaces. — **interface ethernet** *e_num* specified groups on Ethernet interface. — **interface loopback** *l_num* specified groups on loopback interface. — **interface management** *m_num* specified groups on management interface. — **interface port-channel** *p_num* specified groups on port channel interface. — **interface vlan** *v_num* specified groups on VLAN interface. — **interface vxlan** *vx_num* specified groups on VXLAN interface. • *GROUP_NUM* the VRRP ID number of the group for which the command displays status. — <no parameter> all groups on specified interface. — *vrid_num* virtual router identifier (VRID). Value ranges from 1 to 255. • *INFO_LEVEL* Specifies format and amount of displayed information. Options include: — <no parameter> displays a block of data for each VRRP group. — **brief** displays a single table that lists information for all VRRP groups. • *STATES* Specifies the groups, by VRRP router state, that are displayed. Options include: — <no parameter> displays data for groups in the ***master*** or ***backup*** states. — **all** displays all groups, including groups in the ***stopped*** and ***interface down*** states.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

snmp trap link-status	snmp trap link-status	**Command Syntax**
		`snmp trap link-status`
		`no snmp trap link-status`
		`default snmp trap link-status`

snmp-server chassis-id	snmp-server chassis-id	**Command Syntax**
		`snmp-server chassis-id` *id_text*
		`no snmp-server chassis-id`
		`default snmp-server chassis-id`
		Parameters
		• *id_text* chassis ID string

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server community	snmp-server community	**Command Syntax** **snmp-server community** *string_text* [***MIB_VIEW***] [***ACCESS***] [***ACL_NAMES***] **no snmp-server community** *string_text* **default snmp-server community** *string_text* **Parameters** • *string_text* community access string. • *MIB_VIEW* community access availability. Options include: — <no parameter> community string allows access to all objects. — **view** *view_name* community string allows access only to objects in the *view_name* view. • *ACCESS* community access availability. Options include: — <no parameter> read-only access (default setting). — **ro** read-only access. — **rw** read-write access. • *ACL_NAMES* community access availability. Options include: — <no parameter> community string allows access to all objects. — *list_v4* IPv4 ACL list. — **ipv6** *list_v6* IPv6 ACL list. — **ipv6** *list_v6 list_v4* IPv4 and IPv6 ACL list.
snmp-server contact	snmp-server contact	**Command Syntax** **snmp-server contact** *contact_string* **no snmp-server contact** **default snmp-server contact** **Parameters** • *contact_string* system contact string.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server enable traps	snmp-server enable traps	**Command Syntax** **snmp-server enable traps** [*trap_type*] **no snmp-server enable traps** [*trap_type*] default snmp-server enable traps [*trap_type*] **Parameters** • *trap_type* controls the generation of informs or traps for the specified MIB: — <no parameter> controls notifications for MIBs not covered by specific commands. — **entity** controls entity-MIB modification notifications. — **lldp** controls LLDP notifications. — **msdpBackwardTransition** controls msdpBackwardTransition notifications. — **msdpEstablished** controls msdpEstablished notifications. — **snmp** controls SNMP-v2 notifications. — **switchover** controls switchover notifications. — **snmpConfigManEvent** controls snmpConfigManEvent notifications. — **test** controls test traps.
snmp-server engineID local	snmp-server engineID local	

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server engineID remote	snmp-server engineID remote	

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server group	snmp-server group	**Command Syntax** **snmp-server group** *group_name* ***VERSION*** [***CNTX***] [***READ***] [***WRITE***] [***NOTIFY***] **no snmp-server group** *group_name* ***VERSION*** **default snmp-server group** *group_name* ***VERSION*** **Parameters** • *group_name* the name of the group. • ***VERSION*** the security model utilized by the group. — **v1** SNMPv1. Uses a community string match for authentication. — **v2c** SNMPv2c. Uses a community string match for authentication. — **v3 no auth** SNMPv3. Uses a username match for authentication. — **v3 auth** SNMPv3. HMAC-MD5 or HMAC-SHA authentication. — **v3 priv** SNMPv3. HMAC-MD5 or HMAC-SHA authentication. AES or DES encryption. • ***CNTX*** associates the SNMP group to an SNMP context. — <no parameter> command does not associate group with an SNMP context. — **context** *context_name* associates group with context specified by *context_name*. • ***READ*** specifies read view for SNMP group. — <no parameter> command does not specify read view. — **read** *read_name* read view specified by *read_name* (string – maximum 64 characters). • ***WRITE*** specifies write view for SNMP group. — <no parameter> command does not specify write view. — **write** *write_name* write view specified by *write_name* (string – maximum 64 characters). • ***NOTIFY*** specifies notify view for SNMP group. — <no parameter> command does not specify notify view. — **notify** *notify_name* notify view specified by *notify_name* (string – maximum 64 characters).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server host	snmp-server host	**Command Syntax** **snmp-server host** *host_id* [***VRF_INST***] [***MESSAGE***] [***VERSION***] *comm_str* [***PORT***] **no snmp-server host** *host_id* [***VRF_INST***] [***MESSAGE***] [***VERSION***] *comm_str* [***PORT***] **default snmp-server host** *host_id* [***VRF_INST***] [***MESSAGE***] [***VERSION***] *comm_str* [***PORT***] **Parameters** • *host_id* hostname or IP address of the targeted recipient. • ***VRF_INST*** specifies the VRF instance being modified. — <no parameter> changes are made to the default VRF. — **vrf** *vrf_name* changes are made to the specified user-defined VRF. • ***MESSAGE*** message type that is sent to the host. — <no parameter> sends SNMP traps to host (default). — **informs** sends SNMP informs to host. — **traps** sends SNMP traps to host. • ***VERSION*** SNMP version. Options include: — <no parameter> SNMPv2c (default). — **version 1** SNMPv1; option not available with informs. — **version 2c** SNMPv2c. — **version 3 noauth** SNMPv3; enables user-name match authentication. — **version 3 auth** SNMPv3; enables MD5 and SHA packet authentication. — **version 3 priv** SNMPv3. HMAC-MD5 or HMAC-SHA authentication. AES or DES encryption. • *comm_str* community string to be sent with the notification as a password. Arista recommends setting this string separately before issuing the **snmp-server host** command. To set the community string separately, use the **snmp-server community** command. • ***PORT*** port number of the host. — <no parameter> socket number set to 162 (default) — **udp-port** *p-name* socket number specified by *p-name*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server location	snmp-server location	**Command Syntax** **snmp-server location** *node_locate* **no snmp-server location** **default snmp-server location** **Parameters** • *node_locate* system location information (string).
snmp-server source-interface	snmp-server source-interface	**Command Syntax** **snmp-server source-interface** ***INTERFACE*** **no snmp-server source-interface** **default snmp-server source-interface** **Parameters** • *INTERFACE* Interface type and number. Values include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server user	snmp-server user	**Command Syntax** **snmp-server user** *user_name group_name* [***AGENT***] ***VERSION*** [***ENGINE***] [***SECURITY***] **no snmp-server user** *user_name group_name* [***AGENT***] ***VERSION*** **default snmp-server user** *user_name group_name* [***AGENT***] ***VERSION*** **Parameters** • *user_name* name of user. • *group_name* name of group to which user is being added. • ***AGENT*** Options include: — <no parameter> local SNMP agent. — **remote** *addr* [**udp-port** *p_num*] remote SNMP agent location. *addr* denotes the IP address; *p_num* denotes the udp port socket. (default port is 162). • ***VERSION*** SNMP version; options include: — **v1** SNMPv1. — **v2c** SNMPv2c. — **v3** SNMPv3 . • ***ENGINE*** engine ID used to localize passwords. Available only if ***VERSION*** is **v3**. — <no parameter> Passwords localized by SNMP copy specified by *agent*. — **localized** *engineID* octet string of engineID. • ***SECURITY*** Specifies authentication and encryption levels. Available only if ***VERSION*** is **v3**. Encryption is available only when authentication is configured. — <no parameter> no authentication or encryption. — **auth** ***a_meth*** *a_pass* [**priv** *e_meth e_pass*] authentication parameters. *a-meth* authentication method: options are **md5** (HMAC-MD5-96) and **sha** (HMAC-SHA-96). *a-pass* authentication string for users receiving packets. *e-meth* encryption method: Options are **aes** (AES-128) and **des** (CBC-DES). *e-pass* encryption string for the users sending packets.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
snmp-server view	snmp-server view	**Command Syntax** **snmp-server view** *view_name family_name* ***INCLUSION*** **no snmp-server view** *view_name* [*family_name*] **snmp-server view** *view_name* [*family_name*] **Parameters** • *view_name* Label for the view record that the command updates. Other commands reference the view with this label. • *family_name* name of the MIB object or family. MIB objects and MIB subtrees can be identified by name or by the numbers representing the position of the object or subtree in the MIB hierarchy. • *INCLUSION* inclusion level of the specified family within the view. Options include: — **include** view includes the specified subtree. — **exclude** view excludes the specified subtree.
spanning-tree bpdufilter	spanning-tree bpdufilter	**Command Syntax** **spanning-tree bpdufilter** ***FILTER_STATUS*** **no spanning-tree bpdufilter** **default spanning-tree bpdufilter** **Parameters** • *FILTER_STATUS* BPDU filtering status. Options include: — **enabled** BPDU filter is enabled on the interface. — **disabled** BPDU filter is disabled on the interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

spanning-tree bpduguard	spanning-tree bpduguard	**Command Syntax**
		`spanning-tree bpduguard GUARD_ACTION`
		`no spanning-tree bpduguard`
		`default spanning-tree bpduguard`
		Parameters
		• *GUARD_ACTION* BPDU guard setting. Options include:
		— **disable** Disable bpduguard
		— **enable** Enable bpduguard
		— **rate-limit** BPDU Input Rate Limiter options

spanning-tree bridge assurance	spanning-tree bridge assurance	**Command Syntax**
		`spanning-tree bridge assurance`
		`no spanning-tree bridge assurance`
		`default spanning-tree bridge assurance`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
spanning-tree cost	spanning-tree cost	**Command Syntax** **spanning-tree *MODE* cost** *value* **no spanning-tree *MODE* cost** **default spanning-tree *MODE* cost** **Parameters** • *MODE* specifies the spanning tree instances for which the cost is configured. Values include: — <no parameter> RST instance, MST instance 0, or all Rapid-PVST instances permitted on the interface. — **mst** *m_range* specified MST instances. *m_range* formats include a number, number range, or comma-delimited list of numbers and ranges. Instance numbers range from 0 to 4094. — **vlan** *v_range* specified Rapid-PVST instances. *v_range* formats include a number, number range, or comma-delimited list of numbers and ranges. VLAN numbers range from 1 to 4094. • *value* path cost assigned to interface. Values range from 1 to 200000000 (200 million). Default values are 20000 (1 G interfaces) or 2000 (10 G interfaces).
spanning-tree guard	spanning-tree guard	**Command Syntax** **spanning-tree guard *PORT_MODE*** **no spanning-tree guard** **default spanning-tree guard** **Parameters** • *PORT_MODE* the port mode. Options include: — **loop** enables loop guard on the interface. — **root** enables root guard on the interface. — **none** disables root guard and loop guard.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

spanning-tree link-type	spanning-tree link-type	**Command Syntax**
		`spanning-tree link-type TYPE`
		`no spanning-tree link-type`
		`default spanning-tree link-type`
		Parameters
		• *TYPE* link type of the configuration mode interface. Options include:
		— **point-to-point**
		— **shared**

spanning-tree loopguard default	spanning-tree loopguard default	**Command Syntax**
		`spanning-tree loopguard default`
		`no spanning-tree loopguard default`
		`default spanning-tree loopguard default`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
spanning-tree mode	spanning-tree mode	

spanning-tree mst configuration	spanning-tree mst configuration	**Command Syntax**
		`spanning-tree mst configuration`
		`no spanning-tree mst configuration`
		`default spanning-tree mst configuration`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

spanning-tree portfast bpdufilter default	spanning-tree portfast bpdufilter default	**Command Syntax**
		`spanning-tree portfast bpdufilter default`
		`no spanning-tree portfast bpdufilter default`
		`default spanning-tree portfast bpdufilter default`

spanning-tree portfast bpduguard default	spanning-tree portfast bpduguard default	**Command Syntax**
		`spanning-tree portfast bpduguard default`
		`no spanning-tree portfast bpduguard default`
		`default spanning-tree portfast bpduguard default`

spanning-tree port-priority	spanning-tree port-priority	**Command Syntax**
		`spanning-tree [MODE] port-priority value`
		`no spanning-tree [MODE] port-priority`
		`default spanning-tree [MODE] port-priority`
		Parameters
		• *MODE* specifies the spanning tree instances for which the cost is configured. Values include:
		— <no parameter> RST instance or MST instance 0.
		— **mst** *m_range* specified MST instances. *m_range* formats include a number, number range, or comma-delimited list of numbers and ranges. Instance numbers range from 0 to 4094.
		— **vlan** *v_range* specified Rapid-PVST instances. *v_range* formats include a number, number range, or comma-delimited list of numbers and ranges. VLAN numbers range from 1 to 4094.
		• *value* bridge priority number. Values range from 0 to 240 and must be a multiple of 16.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
spanning-tree transmit hold-count	spanning-tree transmit hold-count	**Command Syntax** **spanning-tree transmit hold-count** *max_bpdu* **no spanning-tree transmit hold-count** **default spanning-tree transmit hold-count** **Parameters** • *max_bpdu* BPDU packets. Value ranges from 1 to 10. Default is 6.
spanning-tree vlan	spanning-tree vlan	
spf-interval	spf-interval	**Command Syntax** **spf-interval** *period* **no spf-interval** **default spf-interval** **Parameters** • *period* Value ranges from 1 through 300. Default interval is 2 seconds.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
statistics per-entry	statistics per-entry (ACL configuration modes)	**Command Syntax** **`statistics per-entry`** **`no statistics per-entry`** **`default statistics per-entry`**
storm-control	storm-control	**Command Syntax** **`storm-control`** ***`MODE`*** **`level`** *`threshold`* **`no storm-control`** *`mode`* **`default storm-control`** *`mode`* **Parameters** • *MODE* packet transmission type. Options include: — **all** — **broadcast** — **multicast** • *threshold* Inbound packet level that triggers storm control, as a percentage of port capacity. Value ranges from 1 to 100. Storm control is suppressed by a level of 100. The configured value differs from the programmed threshold in that the hardware accounts for Interframe Gaps (IFG) based on the minimum packet size. The **show storm-control** command displays the broadcast or multicast rate after this adjustment.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
switchport access vlan	switchport access vlan	**Command Syntax** **`switchport access vlan`** *v_num* **`no switchport access vlan`** **`default switchport access vlan`** **Parameters** • *v_num* number of access VLAN. Value ranges from 1 to 4094. Default is 1.
switchport backup interface	switchport backup interface	**Command Syntax** **`switchport backup interface`** ***INT_NAME*** **`[`*****BALANCE*****`]`** **`no switchport backup interface`** **`default switchport backup interface`** **Parameters** • *INT_NAME* the backup interface. Options include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Channel group interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. • *BALANCE* VLANs whose traffic is normally handled on the backup interfaces. Values include: — <no parameter> backup interface handles no traffic if the primary interface is operating. — **prefer vlan** *v_range* list of VLANs whose traffic is handled by backup interface.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
switchport mode	switchport mode	**Command Syntax** **`switchport mode MODE_TYPE`** **`no switchport mode`** **`default switchport mode`** **Parameters** • *MODE_TYPE* switching mode of the configuration mode interfaces. Options include: — **access** access switching mode. — **dot1q-tunnel** dot1q-tunnel switching mode. — **tap** tap switching mode. — **tool** tool switching mode. — **trunk** trunk switching mode.
switchport port-security	switchport port-security	**Command Syntax** **`switchport port-security`** **`no switchport port-security`** **`default switchport port-security`**
switchport port-security maximum	switchport port-security maximum	**Command Syntax** **`switchport port-security maximum`** *`max_addr`* **`no switchport port-security maximum`** **`default switchport port-security maximum`** **Parameters** • *max_addr* maximum number of MAC addresses. Value ranges from 1 to 1000. Default value is 1.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

switchport private-vlan mapping	switchport private-vlan mapping	**Command Syntax**
		`switchport private-vlan mapping EDIT_ACTION`
		`no switchport private-vlan mapping`
		`default switchport private-vlan mapping`
		Parameters
		• *EDIT_ACTION* modifications to the VLAN list.
		— *v_range* Creates VLAN list from *v_range*.
		— **add** *v_range* Adds specified VLANs to current list.
		— **remove** *v_range* VLAN list contains all VLANs except those specified.
		Valid *v_range* formats include number, range, or comma-delimited list of numbers and ranges.

switchport trunk allowed vlan	switchport trunk allowed vlan	**Command Syntax**
		`switchport trunk allowed vlan EDIT_ACTION`
		`no switchport trunk allowed vlan`
		`default switchport trunk allowed vlan`
		Parameters
		• *EDIT_ACTION* modifications to the VLAN list.
		— *v_range* Creates VLAN list from *v_range*.
		— **add** *v_range* Adds specified VLANs to current list.
		— **all** VLAN list contains all VLANs.
		— **except** *v_range* VLAN list contains all VLANs except those specified.
		— **none** VLAN list is empty (no VLANs).
		— **remove** *v_range* Removes specified VLANs from current list.
		Valid *v_range* formats include number, range, or comma-delimited list of numbers and ranges.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
switchport trunk native vlan	switchport trunk native vlan	**Command Syntax** **switchport trunk native vlan *VLAN_ID*** **no switchport trunk native vlan** **default switchport trunk native vlan** **Parameters** • *VLAN_ID* the ID of the native VLAN. Options include — v_num VLAN number. Value ranges from 1 to 4094 — **tag** interface drops all untagged frames.
switchport vlan mapping	switchport vlan mapping	**Command Syntax** **switchport vlan mapping [*DIRECTION*]** *source_vlan dest_vlan* **no switchport vlan mapping** *source_vlan dest_vlan* **no switchport vlan mapping *DIRECTION*** *source_vlan* **default switchport vlan mapping** *source_vlan dest_vlan* **default switchport vlan mapping *DIRECTION*** *source_vlan* **Parameters** • *DIRECTION* transmission direction of traffic to be mirrored. — <no parameter> mirrors transmitted and received traffic. — **in** mirrors received traffic only. — **out** mirrors transmitted traffic only. • *source_vlan* Source VLAN. Value ranges from 1 to 4094. • *dest_vlan* Source VLAN. Value ranges from 1 to 4094.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

tacacs-server host	tacacs-server host	**Command Syntax**
		`tacacs-server host SERVER_ADDR [MULTIPLEX] [VRF_INST] [PORT] [TIMEOUT] [ENCRYPT]`
		`no tacacs-server host [SERVER_ADDR] [MULTIPLEX] [VRF_INST] [PORT]`
		`default tacacs-server host [SERVER_ADDR] [MULTIPLEX] [VRF_INST] [PORT]`
		Parameters
		• ***SERVER_ADDR*** TACACS+ server location. Options include:
		— *ipv4_addr* server's IPv4 address.
		— *ipv6_addr* server's IPv6 address.
		— *host_name* server's DNS host name (FQDN).
		• ***MULTIPLEX*** TACACS+ server support of multiplex sessions on a TCP connection.
		— <no parameter> server does not support multiplexing.
		— **single-connection** server supports session multiplexing.
		• ***VRF_INST*** specifies the VRF instance used to communicate with the specified server.
		— <no parameter> switch communicates with the server using the default VRF.
		— **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF.
		• ***PORT*** port number of the TCP connection.
		— <no parameter> default port of 49.
		— **port** *number* port *number* ranges from 1 to 65535.
		• ***TIMEOUT*** timeout period (seconds).
		— <no parameter> assigns the globally configured timeout value (see **tacacs-server timeout**).
		— **timeout** *number* timeout period (seconds). *number* ranges from 1 to 1000.
		• ***ENCRYPT*** encryption key the switch and server use to communicate. Settings include
		— <no parameter> assigns the globally configured encryption key (see **tacacs-server key**).
		— **key** *key_text* where *key_text* is in clear text.
		— **key 5** *key_text* where *key_text* is in clear text.
		— **key 7** *key_text* where *key_text* is an encrypted string.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
tacacs-server key	tacacs-server key	**Command Syntax** **tacacs-server key** [***ENCRYPT_TYPE***] *encrypt_key* **no tacacs-server key** **default tacacs-server key** **Parameters** • *ENCRYPT_TYPE* encryption level of *encrypt_key*. — <no parameter> encryption key is entered as clear text. — **0** encryption key is entered as clear text. Equivalent to <no parameter>. — **7** *encrypt_key* is an encrypted string. • *encrypt_key* shared key that authenticates the username. — *encrypt_key* must be in clear text if ***ENCRYPT_TYPE*** specifies clear text. — *encrypt_key* must be an encrypted string if ***ENCRYPT_TYPE*** specifies an encrypted string. Encrypted strings entered through this parameter are generated elsewhere.
tacacs-server timeout	tacacs-server timeout	**Command Syntax** **tacacs-server timeout** *time_period* **no tacacs-server timeout** **default tacacs-server timeout** **Parameters** • *time_period* timeout period (seconds). Settings range from 1 to 1000. Default is 5.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
terminal length	terminal length	**Command Syntax** **terminal length** *lines* **no terminal length** **default terminal length** **Parameters** • *lines* number of lines to be displayed at a time. Values range from 0 through 32767. A value of 0 disables pagination.
terminal monitor	terminal monitor	**Command Syntax** **terminal monitor** **no terminal monitor** **default terminal monitor**
timers basic (RIP)	timers basic (RIP)	**Command Syntax** **timers basic** *update_time expire_time deletion_time* **no timers basic** **default timers basic** **Parameters** • *update_time* Default is 30 seconds • *expire_time* Default is 180 seconds. • *deletion_time* Default is 120 seconds. Parameter values are in seconds and range from ***5*** to ***2147483647***.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
timers bgp	timers bgp	**Command Syntax** **timers bgp** *keep_alive hold_time* **no timers bgp** **default timers bgp** **Parameters** • *keep_alive* keepalive period, in seconds. Values include — **0** keepalive messages are not sent — **1** to **3600** keepalive time (seconds). • *hold_time* hold time. Values include — **0** peering is not disabled by timeout expiry; keepalive packets are not sent. — **3** to **7200** hold time (seconds).
timers lsa arrival	timers lsa arrival (OSPFv2)	**Command Syntax** **timers lsa arrival** *lsa_time* **no timers lsa arrival** **default timers lsa arrival** **Parameters** • *lsa_time*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
timers throttle lsa all	timers throttle lsa all (OSPFv2)	**Command Syntax** **`timers throttle lsa all`** *`initial_delay min_hold max_wait`* **`no timers throttle lsa all`** **`default timers throttle lsa all`** **Parameters** • *initial_delay* Value ranges from ***0*** to ***600000*** (ms). Default is 1000. • *min_hold* Value ranges from ***0*** to ***600000*** (ms). Default is 5000. • *max_wait* Value ranges from ***0*** to ***600000*** (ms). Default is 5000.
timers throttle spf	timers throttle spf (OSPFv2)	Not in Arista User Manual v.4.15.3F. Appears in Arista User Manual 4.14.3F (Oct. 2014) (CSI-CLI-00018146) with the syntax: timers throttle spf *initial_delay min_hold max_wait*

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
username sshkey	username sshkey	**Command Syntax** **username** *name* **sshkey** ***KEY*** **no username** *name* **sshkey [role]** **default username** *name* **sshkey [role]** **Parameters** • *name* username text that the user enters at the login prompt to access the CLI. Valid usernames begin with A-Z, a-z, or 0-9 and may also contain any of these characters: @ # $ % ^ & * - _ = + ; < > , . ~ | • ***KEY*** SSH key. Options include: — *key_text* username is associated with ssh key specified by *key_text* string. — **file** *key_file* username is associated with ssh key in the specified file.
vlan internal allocation policy	vlan internal allocation policy	**Command Syntax** **vlan internal allocation policy** ***DIRECTION*** [***RANGE_VLAN***] **no vlan internal allocation policy** **default vlan internal allocation policy** **Parameters** • ***DIRECTION*** VLAN allocation number direction. Options include: — **ascending** allocates internal VLANs from lower VLAN bound to upper VLAN bound. — **descending** allocates internal VLAN from upper VLAN bound to lower VLAN bound. • ***RANGE_VLAN*** allocation range. Options include: — <no parameter> 1006 (lower bound) to 4094 (upper bound). — **range** *lower upper* specifies lower bound (*lower*) and upper bound (*upper*).

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
vrf definition	vrf definition	**Command Syntax** **vrf definition** *vrf_name* **no vrf definition** *vrf_name* **default vrf definition** *vrf_name* **Parameters** • *vrf_name* Name of VRF being created, deleted or configured. The names "main" and "default" are reserved.
vrf forwarding	vrf forwarding	**Command Syntax** **vrf forwarding** *vrf_name* **no vrf forwarding** [*vrf_name*] **default vrf forwarding** [*vrf_name*] **Parameters** • *vrf_name* name of configured VRF.
vrrp authentication	vrrp authentication	**Command Syntax** **vrrp** *group* **authentication** ***AUTH_PARAMETER*** **no vrrp** *group* **authentication** **default vrrp** *group* **authentication** **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255. • ***AUTH_PARAMETER*** encryption level and authentication key used by router. Options include: — **text** *text_key* plain-text authentication, *text_key* is text. — *text_key* plain-text authentication, *text_key* is text. — **ietf-md5 key-string 0** *text_key* IP authentication of MD5 key hash, *text_key* is text. — **ietf-md5 key-string** *text_key* IP authentication of MD5 key hash, *text_key* is text. — **ietf-md5 key-string 7** *coded_key* IP authentication of MD5 key hash, *coded_key* is MD5 hash.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
vrrp delay reload	vrrp delay reload	**Command Syntax** **vrrp** *group* **delay reload** [***INTERVAL***] **no vrrp** *group* **delay reload** **default vrrp** *group* **delay reload** **Parameters** • ***INTERVAL*** The number of seconds for the delay (seconds). Options include: — <no parameter> Default value of 0 seconds. — ***<0 to 3600>*** Ranges between 0 and 60 minutes.
vrrp description	vrrp description	**Command Syntax** **vrrp** *group* **description** *label_text* **no vrrp** *group* **description** **default vrrp** *group* **description** **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255. • *label_text* text that describes the virtual router. Maximum string length is 80 characters.
vrrp ip	vrrp ip	**Command Syntax** **vrrp** *group* **ip** *ipv4_address* **no vrrp** *group* **ip** *ipv4_address* **default vrrp** *group* **ip** *ipv4_address* **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255. • *ipv4_address* IPv4 address of the virtual router.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
vrrp ip secondary	vrrp ip secondary	**Command Syntax** **vrrp** *group* **ip** *ipv4_addr* **secondary** **no vrrp** *group* **ip** *ipv4_addr* **secondary** **default vrrp** *group* **ip** *ipv4_addr* **secondary** **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255. • *ipv4_addr* secondary IPv4 address of the virtual router.
vrrp preempt	vrrp preempt	**Command Syntax** **vrrp** *group* **preempt** **no vrrp** *group* **preempt** **default vrrp** *group* **preempt** **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255.
vrrp priority	vrrp priority	**Command Syntax** **vrrp** *group* **priority** *level* **no vrrp** *group* **priority** **default vrrp** *group* **priority** **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255. • *level* priority setting for the specified virtual router. Values range from 1 to 254.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
vrrp shutdown	vrrp shutdown	**Command Syntax** **vrrp** *group* **shutdown** **no vrrp** *group* **shutdown** **default vrrp** *group* **shutdown** **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255.
vrrp timers advertise	vrrp timers advertise	**Command Syntax** **vrrp** *group* **timers advertise** *adv_time* **no vrrp** *group* **timers advertise** **default vrrp** *group* **timers advertise** **Parameters** • *group* virtual router identifier (VRID). Values range from 1 to 255. • *adv_time* advertisement interval (seconds). Values range from 1 to 255. Default value is 1.


Δ DEFENDANT Δ
United States District Court
Northern District of California
Case No. 14-cv-05344-BLF
Case Title Cisco Systems v. Arista Networks
Exhibit No. 9037
Date Entered
Richard W. Wieking, Clerk
By: , Deputy Clerk